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Contents

	PAGE
How to Purchase American Standards	2

American Standards

FIELD	PROJECT LETTER	
Automotive	D	22
Chemical Industry	K	24
Civil Engineering and Construction	A	5
Commercial Standards	CS	41
Drawings, Symbols, and Abbreviations	Y	34
Electrical Engineering	C	14
Ferrous Materials and Metallurgy	G	22
Materials Handling	MH	28
Mechanical Engineering	B	11
Mining	M	28
Miscellaneous	Z	35
Nonferrous Materials and Metallurgy	H	23
Nuclear	N	28
Office Equipment and Supplies	X	34
Photography and Motion Pictures	PH	28
Pulp and Paper Industry	P	28
Rubber	J	23
Textile Industry	L	25
Wood Industry	O	28
American Safety Standards		41
American Standards on Consumer Goods		45
ISO (International Organization for Standardization) Recommendations		47
IEC (International Electrotechnical Commission) Recommendations		48
ASA in the International Field		49
Sales Agents for American Standards in Other Countries		50
Special Publications		51
Index to Titles of American Standards and International Recommendations		53
American Standards Association		68



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American Standards

See Index on page 53.

Abbreviations

AAN	American Association of Nurserymen, Inc	CGA	Compressed Gas Association
AAR	Association of American Railroads	CS	Commercial Standard
AASHO	American Association of State Highway Officials	EIA	Electronic Industries Association
AATCC	American Association of Textile Chemists and Colorists	IPCEA	Insulated Power Cable Engineers Association
ACI	American Concrete Institute	IRE	Institute of Radio Engineers
AGMA	American Gear Manufacturers Association	ITE	Institute of Traffic Engineers
AIA	American Institute of Architects	JAN	Joint Army-Navy Specification
AIEE	American Institute of Electrical Engineers	NBFU	National Board of Fire Underwriters
API	American Petroleum Institute	NBS	National Bureau of Standards
ASRE	American Society of Refrigerating Engineers	NEMA	National Electrical Manufacturers Association
ASTM	American Society for Testing Materials	NFPA	National Fire Protection Association
AWWA	American Water Works Association	R	Reaffirmed
BLS	U. S. Bureau of Labor Statistics Bulletin	RETMA	Radio-Electronics Television Manufacturers Association; name changed to Electronic Industries Association (EIA)
BMTP	U. S. Bureau of Mines Technical Paper	SAE	Society of Automotive Engineers
		SPR	Simplified Practice Recommendation

Legend

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		Price			Price
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A1.2-1948 R1950	Sampling Hydraulic Cement, Methods of (ASTM C138-46)30	A1.14-1950	Tensile Strength of Hydraulic Cement Mortars, Method of Test for (ASTM C190-49)30
A1.3-1954	Masonry Cement, Specifications for (ASTM C91-53) .....	.30	A1.15-1954	Time of Setting of Hydraulic Cement by the Vicat or Gillmore Needles, Methods of Test for (ASTM C191-52) .....	.30
A1.4-1954	Compressive Strength of Hydraulic Cement Mortars, Method of Tests for (ASTM C109-52) .....	.30	A1.16-1954	Air-Entraining Portland Cement, Specifications for (ASTM C175-53) .....	.30
A1.5-1954	Chemical Analysis of Portland Cement, Methods of (ASTM C114-53; AASHTO T105-53 [Part I]) .....	.60	A1.17-1954	Time of Setting of Hydraulic Cement by Gillmore Needles, Method of Test for (ASTM C266-51T) .....	.30
A1.6-1950	Chemical Analysis of Portland Cement, Methods of (ASTM C114-51T)		A2.1-1956	Fire Tests of Building Construction and Materials, Methods of (ASTM E119-55) ..	.30
A1.7-1954	Fineness of Portland Cement by the Turbidimeter, Method of Test for (ASTM C115-53; AASHTO T98-53) .....	.30	A2.2-1956	Fire Tests of Door Assemblies, Methods of (ASTM E152-55T) .....	.30
A1.8-1954	Autoclave Expansion of Portland Cement, Method of Test for (ASTM C151-53) ..	.30	A2.3-1956	Combustible Properties of Treated Wood by the Fire-Tube Apparatus, Method of Test for (ASTM E69-50) .....	.30
A1.9-1954	Air Content of Portland Cement Mortar, Method of Test for (ASTM C185-53T) ..	.30	A2.4-1956	Combustible Properties of Treated Wood by the Crib Test, Method of Test for (ASTM E160-50) .....	.30
A1.10-1954	Heat of Hydration of Portland Cement, Method of Test for (ASTM C186-53) ..	.30	A6.1-1956	Drain Tile, Specifications for (ASTM C4-55)	.30
A1.11-1950	Normal Consistency of Hydraulic Cement, Method of Test for (ASTM C187-49) ..	.30	A9.1-1953	Building Exits Code (NFPA 101; AIA 40-B-7)	<i>Out of print</i>
A1.12-1948 R1950	Specific Gravity of Hydraulic Cement, Method of Test for (ASTM C188-44) ..	.30	A10.1-1951	Manual of Accident Prevention in Construction	<i>Out of print</i>
			A10.2-1944	†Building Construction, Safety Code for ..	1.75
			A11.1-1952	Industrial Lighting50

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		Price
A12-1932	†Floor and Wall Openings, Railings, and Toe Boards, Safety Code for50
A13.1-1956	Identification of Piping Systems, Scheme for the	1.00
A14.1-1959	†Portable Wood Ladders, Safety Code for ..	1.50
A14.2-1956	†Portable Metal Ladders, Safety Code for ..	.50
A14.3-1956	†Fixed Ladders, Safety Code for	1.00
A17.1-1957	Elevators, Dumbwaiters, and Escalators, Safety Code for (A17.1-1955 and revisions A17.1a-1957)	4.25
	(A17.1a-1957 sold separately,	1.00)
A17.1.5-1953	Private Residence Elevators, Safety Code for (Part 5 of A17.1-1955)	1.00
A17.2-1945	Elevators, Inspection of (Inspectors' Manual)	2.50
A19-1937	Void in Aggregates for Concrete, Method of Test for (ASTM C30-37; AASHTO T20-42) .....	.30
● A21 — Cast Iron Pipe and Fittings:		
A21.1-1957	Computation of Strength and Thickness of Cast Iron Pipe, Manual for the (AWWA C101-57)	1.50
A21.2-1953	Cast Iron Pit Cast Pipe for Water or Other Liquids, Specifications for (AWWA C102) .....	.45
A21.3-1953	Cast Iron Pit Cast Pipe for Gas, Specifications for .....	.25
A21.4-1953	Cement Mortar Lining for Cast Iron Pipe and Fittings, Specifications for (AWWA C104) .....	.35
A21.6-1953	Cast Iron Pipe Centrifugally Cast in Metal Molds for Water or Other Liquids, Specifications for (AWWA C106) .....	.40
A21.7-1953	Cast Iron Pipe Centrifugally Cast in Metal Molds for Gas, Specifications for, .....	.25
A21.8-1953	Cast Iron Pipe Centrifugally Cast in Sand-Lined Molds, for Water or Other Liquids, Specifications for (AWWA C108) .....	.45
A21.9-1953	Cast Iron Pipe Centrifugally Cast in Sand-Lined Molds for Gas, Specifications for, ..	.25
A21.10-1952	Short-Body, Cast Iron Fittings, 3 Inch to 12 Inch, for 250-Psi, Water Pressure Plus Water Hammer, Specifications for (AWWA C110) .....	.35
A21.11-1953	Mechanical Joint for Cast Iron Pressure Pipe and Fittings, Specifications for (AWWA C111) .....	.35
●		
A23.1-1948	School Lighting (AIA 31-F-28)	<i>Out of print</i>
A35.1-1941 R1953	Manhole Frames and Covers for Subsurface Structures .....	.50
● A37 — Road and Paving Materials:		
A37.1-1954	Penetration of Bituminous Materials, Method of Test for (ASTM D5-52; AASHTO T49-52) .....	.30
A37.2-1951	Float Test for Bituminous Materials, Method of (ASTM D139-49; AASHTO T50-49) ..	.30
A37.3-1954	Determination of Bitumen, Method of Test for (ASTM D4-52) .....	.30
A37.4-1951	Amount of Material Finer than No. 200 Sieve in Aggregates, Method of Test for (ASTM C117-49; AASHTO T11-49) .....	.30
A37.5-1943 R1948	Specific Gravity and Absorption of Coarse Aggregate, Method of Test for (ASTM C127-42) .....	.30

● **A37 — Road and Paving Materials (Continued)**

	Price
A37.6-1958 Specific Gravity and Absorption of Fine Aggregate, Method of Test for (ASTM C128-57; AASHTO T84-45) .....	.30
A37.7-1957 Abrasion of Coarse Aggregate by Use of the Los Angeles Machine, Method of Test for (ASTM C131-55; AASHTO T96) .....	.30
A37.8-1947 Sieve Analysis of Fine and Coarse Aggregates, Method of Test for (ASTM C136-46; AASHTO T27-46) .....	.30
R1948	
A37.9-1957 Distillation of Tars and Tar Products, Method of Test for (ASTM D20-56; AASHTO T52) .....	.30
A37.10-1943 Softening Point of Bituminous Materials (Ring-and-Ball Method), Method of Test for (ASTM D36-26; AASHTO T53-42)...	.30
R1948	
A37.11-1945 Ductility of Bituminous Materials, Method of Test for (ASTM D113-44; AASHTO T51-44) .....	.30
R1948	
A37.12-1943 Proportion of Bitumen Soluble in Carbon Tetrachloride, Method of Test for (ASTM D165-42) .....	.30
R1948	
A37.13-1943 Residue of Specified Penetration, Method of Test for (ASTM D243-36; AASHTO T56-42) .....	.30
R1957	
A37.14-1957 Sieve Analysis of Mineral Filler, Method of Test for (ASTM D546-55; AASHTO T37-55) .....	.30
A37.15-1948 Paving Brick, Specifications for (ASTM C7-42; AASHTO M40-42 and T31-42)....	.30
A37.16-1957 Unit Weight of Aggregate, Method of Test for (ASTM C29-55; AASHTO T19) .....	.30
A37.17-1958 Making and Curing Concrete Compression and Flexure Test Specimens in the Field, Method of (ASTM C31-57, AASHTO T23) .....	.30
A37.18-1957 Compressive Strength of Molded Concrete Cylinders, Method of Test for (ASTM C39-56T, AASHTO T22) .....	.30
A37.19-1957 Organic Impurities in Sands for Concrete, Method of Test for (ASTM C40-56T) ..	.30
A37.20-1958 Securing, Preparing, and Testing Specimens from Hardened Concrete for Compressive and Flexural Strengths, Methods of (ASTM C42-57; AASHTO T24-49) ....	.30
A37.21-1948 Surface Moisture in Fine Aggregate, Method of Test for (ASTM C70-47) .....	.30
A37.22-1958 Flexural Strength of Concrete (Using Simple Beam with Third-Point Loading), Method of Test for (ASTM C78-57; AASHTO T97) .....	.30
A37.23-1957 Soundness of Aggregates by Use of Sodium Sulfate or Magnesium Sulfate, Method of Test for (ASTM C88-56T; AASHTO T104) .....	.30
A37.24-1951 Compressive Strength of Concrete Using Portions of Beams Broken in Flexure (Modified Cube Method), Method of Test for (ASTM C116-49; AASHTO T140-49) .....	.30
A37.25-1958 Lightweight Pieces in Aggregate, Method of Test for (ASTM C123-57T) .....	.30
A37.26-1948 Flow of Portland-Cement Concrete by Use of the Flow Table, Method of Test for (ASTM C124-39; AASHTO T120-42).....	.30

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Price

● A37 — Road and Paving Materials (Continued)

A37.27-1948	Weight per Cubic Foot, Yield, and Air Content (Gravimetric) of Concrete, Method of Test for (ASTM C138-44; AASHTO T121-45)30
A37.28-1957	Clay Lumps in Natural Aggregates, Method of Test for (ASTM C142-55T; AASHTO T112-55) .....	.30
A37.29-1954	Slump Test for Consistency of Portland-Cement Concrete, Method of (ASTM C143-52; AASHTO T119-52) .....	.30
A37.30-1957	Sampling of Fresh Concrete, Method of (ASTM C172-54; AASHTO T141) .....	.30
A37.31-1951	Measuring Length of Drilled Concrete Cores, Method of (ASTM C174-49; AASHTO T148-49) .....	.30
A37.32-1948	Loss on Heating of Oil and Asphaltic Compounds, Method of Test for (ASTM D6-39T; AASHTO T47-42) .....	.30
A37.33-1957	Terms Relating to Materials for Roads and Pavements, Definitions of (ASTM D8-55) .....	.30
A37.34-1948	Materials for Sand-Cement Bed for Brick and Block Pavements, Specifications for (ASTM D58-37) .....	.30
A37.35-1954	Granite Block for Pavements, Specifications for (ASTM D59-53) .....	.30
A37.36-1948	Softening Point of Tar Products (Cube-in-Water Method), Method of Test for (ASTM D61-38) .....	.30
A37.37-1958	Calcium Chloride, Specifications for (ASTM D98-56T) .....	.30
A37.38-1948	Coal-Tar Pitch for Stone Block Filler, Specifications for (ASTM D112-30) .....	.30
A37.39-1948	Recut Granite Block for Pavements, Specifications for (ASTM D131-39) .....	.30
A37.40-1948	Granite Block for Duxax Pavements, Specifications for (ASTM D132-39) .....	.30
A37.41-1948	Mineral Filler for Sheet Asphalt and Bituminous Concrete Pavements, Specifications for (ASTM D242-39; AASHTO M17-42) .....	.30
A37.42-1957	Testing Emulsified Asphalts, Methods of (ASTM D244-55; AASHTO T59) .....	.30
A37.43-1951	Bituminous Paving Plant Inspection (ASTM D290-51) .....	.30
A37.44-1951	Sampling and Testing Calcium Chloride, Methods of (ASTM D345-48; AASHTO T143-49) .....	.30
A37.45-1957	Distillation of Cut-back Asphaltic Products, Method of Test for (ASTM D402-55) .....	.30
A37.46-1948	Centrifuge Moisture Equivalent of Soils, Method of Test for (ASTM D425-39; AASHTO T94-42) .....	.30
A37.47-1948	Field Moisture Equivalent of Soils, Method of Test for (ASTM D426-39; AASHTO T93-42) .....	.30
A37.48-1951	Asphalt Plank, Specifications for (ASTM D517-50) .....	.30
A37.49-1957	Preformed Expansion Joint Fillers for Concrete (Non-extruding and Resilient Types), Specifications for (ASTM D544-49) .....	.30
A37.50-1958	Moisture-Density Relations of Soil-Cement Mixtures, Method of Test for (ASTM D558-57; AASHTO T134) .....	.30

Price

● A37 — Road and Paving Materials (Continued)

A37.51-1958	Wetting-and-Drying Tests of Compacted Soil-Cement Mixtures, Method of (ASTM D559-57; AASHTO T135) .....	.30
A37.52-1958	Freezing-and-Thawing Test of Compacted Soil-Cement Mixtures, Method of (ASTM D560-57; AASHTO T136) .....	.30
A37.53-1948	Cut-back Asphalt (Rapid Curing Type), Specifications for (ASTM D597-46; AASHTO M81-42) .....	.30
A37.54-1948	Cut-back Asphalt (Medium Curing Type), Specifications for (ASTM D598-46; AASHTO M82-42) .....	.30
A37.55-1958	Emulsified Asphalt, Specifications for (ASTM D977-57) .....	.30
A37.56-1948	Sodium Chloride, Specifications for (ASTM D632-43) .....	.30
A37.57-1948	Volume Correction Table for Tar and Coal-Tar Pitch (ASTM D633-44) .....	.30
A37.58-1958	Cement Content of Soil-Cement Mixtures, Method of Test for (ASTM D806-57; AASHTO T144) .....	.30
A37.59-1951	Sulfonation Index of Road Tars, Method of Test for (ASTM D872-48; AASHTO T108-48) .....	.30
A37.60-1957	Cotton Mats for Curing Concrete Pavements, Specifications for (AASHTO M73-49)	
A37.61-1957	Subgrade Paper, Specifications for (AASHTO M74-55)	S
A37.62-1957	Quality of Water to Be Used in Concrete, Method of Test for (AASHTO T26-51)	E
A37.63-1948	Specific Viscosity (Engler), Method of Test for (AASHTO T54-35)	N
A37.64-1948	Percentage of Bitumen and Bituminous Mixtures, Method of Test for (AASHTO T58-37)	o
A37.65-1948	Flash Point with Tagliabue Open Cup, Method of Test for (AASHTO T79-42)	t
A37.66-1948	Swell Characteristics of Aggregates, Methods of Test for (AASHTO T101-42)	e
A37.67-1948	Spot Test of Asphaltic Materials, Method of Test for (AASHTO T102-42)	B
A37.68-1948	Inorganic Matter or Ash, Method of Test for (AASHTO T111-42)	a
A37.69-1957	Ready-Mixed Concrete, Specifications for (ASTM C94-55T)	I
A37.70-1957	Air Content of Freshly Mixed Concrete by the Pressure Method, Method of Test for (ASTM C231-56T; AASHTO T152)	o
A37.71-1954	Specific Gravity of Road Oils, Road Tars, Asphalt Cements, and Soft Tar Pitches, Method of Test for (ASTM D70-52)	w
A37.72-1954	Specific Gravity of Asphalts and Tar Pitches Sufficiently Solid To Be Handled in Fragments, Method of Test for (ASTM D71-52)	
A37.73-1951	Toughness of Rock, Method of Test for (ASTM D3-18) .....	.30
A37.74-1951	Materials for Cement Grout Filler for Brick and Stone Block Pavements, Specifications for (ASTM D57-20) .....	.30

Note: Available only in 3-volume edition (not sold separately) of Standard Specifications for Highway Materials and Methods of Sampling and Testing, published by AASHTO, 917 National Press Building, Washington 4, D. C., \$10.00.

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● A37 — Road and Paving Materials (Continued)

A37.75-1951	Sampling Stone, Slag, Gravel, Sand, and Stone Block for Use as Highway Materials, Methods of (ASTM D75-48).....	.30
--------------------	---	-----

A38-1933	Steel Reinforcing Spirals (SPR R53-32)	<i>Out of print</i>
-----------------	--	---------------------

A39-1933	†Window Cleaning35
-----------------	------------------------	-----

A40.1-1935	Cast-Iron Soil Pipe and Fittings.....	2.00
-------------------	---------------------------------------	------

A40.2-1936	(Revised and Redesignated as B16.26-1958)	
-------------------	---	--

A40.4-1942	Air Gaps in Plumbing Systems.....	1.50
-------------------	-----------------------------------	------

A40.6-1943	Backflow Preventers in Plumbing Systems.....	
-------------------	--	--

A40.5-1943	Threaded Cast-Iron Pipe for Drainage, Vent, and Waste Services	1.00
-------------------	--	------

A40.8-1955	National Plumbing Code	3.50
-------------------	------------------------------	------

A41.1-1953	Masonry, Building Code Requirements for (NBS 211)20
-------------------	---	-----

A42.1-1955	Gypsum Plastering, Specifications for (AIA 20-A-2)75
-------------------	--	-----

A42.4-1955	Interior Lathing and Furring, Specifications for (AIA 21-A-2)	
-------------------	---	--

A42.2-1946	Portland Cement Stucco, Specifications for (AIA 21-D)50
-------------------	---	-----

A42.3-1946	Portland Cement Plastering, Specifications for (AIA 21-A-4)	
-------------------	---	--

A48-1932	†Forms for Concrete Joist Construction Floors25
-----------------	---	-----

A49.1-1951	Gypsum, Specifications for (ASTM C22-50)30
-------------------	--	-----

A49.3-1958	Gypsum Plasters, Specifications for (ASTM C28-57)30
-------------------	---	-----

A49.4-1951	Gypsum Molding Plaster, Specifications for (ASTM C59-50)30
-------------------	--	-----

A50.1-1958	Billet-Steel Bars for Concrete Reinforcement, Specifications for (ASTM A15-57T)75
-------------------	---	-----

A50.2-1958	Rail-Steel Bars for Concrete Reinforcement, Specifications for (ASTM A16-57T)	
-------------------	---	--

G43.1-1958	Axle-Steel Bars for Concrete Reinforcement, Specifications for (ASTM A160-57T)30
-------------------	--	-----

A50.3-1936	Cold-Drawn Steel Wire for Concrete Reinforcement, Specifications for (ASTM A82-34; AASHO M32-42)75
-------------------	--	-----

A53.1-1946	†Light and Ventilation, Building Code Requirements for80
-------------------	--	-----

A55.1-1948	†Administrative Requirements for Building Codes50
-------------------	---	-----

A56.1-1952	Excavations and Foundations, Building Code Requirements for80
-------------------	---	-----

A57.1-1952	Design, Fabrication, and Erection of Structural Steel for Buildings, Specification for the	<i>Gratis</i>
-------------------	--	---------------

A58.1-1955	†Minimum Design Loads in Buildings and Other Structures, Building Code Requirements for	1.50
-------------------	---	------

A59.1-1954	Reinforced Gypsum Concrete, Specifications for75
-------------------	--	-----

A60.1-1949	†Signs and Outdoor Display Structures, Building Code Requirements for75
-------------------	---	-----

● A62 — Modular Coordination:		
--------------------------------------	--	--

A62.1-1957	†Coordination of Dimensions of Building Materials and Equipment, Basis for the35
-------------------	--	-----

A62.2-1945	†Coordination of Masonry, Basis for the35
-------------------	---	-----

● A62 — Modular Coordination (Continued)

A62.3-1946	†Clay and Concrete Modular Masonry Units, Sizes of50
-------------------	--	-----

A62.4-1947	†Clay Flue Linings, Sizes of35
-------------------	------------------------------------	-----

A66.1-1951	Keene's Cement, Specifications for (ASTM C61-50)30
-------------------	--	-----

A67.1-1956	Gypsum Lath, Specifications for (ASTM C37-54)30
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A68.1-1956	Gypsum Sheathing Board, Specifications for (ASTM C79-54)30
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A69.1-1956	Gypsum Wallboard, Specifications for (ASTM C36-55)30
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A70.1-1957	Gypsum and Gypsum Products, Methods of Testing (ASTM C26-56)50
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A73.1-1942	Concrete Masonry Units for Construction for Catch Basins and Manholes, Specifications for (ASTM C139-39)30
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A74.1-1958	Structural Clay Load-Bearing Wall Tile, Specifications for (ASTM C34-57)30
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A75.1-1956	Concrete Building Brick, Specifications for (ASTM C55-55)30
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A76.1-1958	Structural Clay Non-Load-Bearing Tile, Specifications for (ASTM C56-57)30
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A77.1-1958	Structural Clay Floor Tile, Specifications for (ASTM C57-57)30
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A78.1-1952	Sand-Lime Building Brick, Specifications for (ASTM C73-51)30
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A79.1-1953	Hollow Load-Bearing Concrete Masonry Units, Specifications for (ASTM C90-52)30
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A80.1-1953	Hollow Non-Load-Bearing Concrete Masonry Units, Specifications for (ASTM C129-52)30
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A81.1-1953	Solid Load-Bearing Concrete Masonry Units, Specifications for (ASTM C145-52)30
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A82.1-1958	Sampling and Testing Brick, Methods of (AASHO T32 ; ASTM C67-57)30
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A83.1-1953	Sampling and Testing Structural Clay Tile, Methods of (ASTM C112-52)30
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A84.1-1956	Sampling and Testing Concrete Masonry Units, Methods of (ASTM C140-56)30
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A85.1-1956	†Protective Lighting, Practice for50
-------------------	--	-----

A87.1-1957	†Open Web Steel Joist Construction Short-span Series, Specifications for75
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● A88 — Oxychloride Cements:		
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A88.1-1951	Preparation of Subfloors to Receive Oxychloride Composition Flooring, Specification for (AIA 23-D)85
-------------------	--	-----

A88.2-1952	General Purpose Oxychloride Composition Flooring and Its Installation, Specifications for (AIA 23-D)	
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A88.3-1952	Heavy Duty Oxychloride Composition Flooring and Its Installation, Specifications for (AIA 23-D)	
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A88.4-1952	Basecoat Oxychloride Composition Flooring and Its Installation, Specifications for (AIA 23-D)	
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A88.5-1952	Non-Slip Oxychloride Composition Flooring and Its Installation, Specifications for (AIA 23-D)35
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A88.6-1952	Terrazzo Oxychloride Composition Flooring and Its Installation, Specifications for (AIA 23-D)35
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	Price		Price
●A88 — Oxychloride Cements (Continued)		A90.1-1949	Manlifts, Safety Code for 1.00
A88.7-1952	Industrial Granolithic Oxychloride Composition Flooring and Its Installation, Specifications for (AIA 23-D) ..... .35	R1956	
A88.8-1952	Oxycement Underlayment and Its Installation, Specifications for (AIA 23-D) ..... .35	A93.1-1948	Indiana Limestone, Specifications for.... .50
A88.9-1955	Nonspark Conductive Oxychloride Composition Flooring and Its Installation, Specifications for ..... .35	A94.1-1948	†Interior Marble, Specifications for ..... .50
A88.10-1953	Magnesium Oxychloride Compositions and Ingredients, Method of Sampling (ASTM C237-51) ..... .30	A94.2-1955	Support, Anchorage, and Protection of Exterior Marble Veneer 2" and Less in Thickness, Specifications for the (AIA 8-B-1) 1.25
A88.11-1953	Sieve Analysis of Magnesium Oxychloride Compositions, Aggregates, and Fillers, Method of Test for (ASTM C238-51)... .30	A94.3-1955	Exterior Marble Used in Curtain or Panel Walls, Specifications for (AIA 8-B-1) ...
A88.12-1953	Sieve Analysis of Plastic Calcined Magnesia, Method of Test for (ASTM C239-51)... .30	A97.1-1958	Gypsum Wallboard Finishes, Specifications for ..... .75
A88.13-1953	Chemical Analysis of Magnesium Sulfate, Technical Grade, Methods for (ASTM C244-52) ..... .30	A98.1-1958	Building Brick (Solid Masonry Units Made from Clay or Shale), Specifications for (ASTM C62-57) ..... .30
A88.14-1953	Chemical Analysis of Magnesium Chloride, Methods for (ASTM C245-52) ..... .30	A99.1-1958	Facing Brick (Solid Masonry Units Made from Clay or Shale), Specifications for (ASTM C216-57) ..... .30
A88.15-1953	Physical Testing of Magnesia for Magnesium Oxychloride Cements, Method of (ASTM C246-52) ..... .30	A100.1-1954	Sewer Brick (Made from Clay or Shale), Specifications for (ASTM C32-50) ..... .30
A88.16-1953	Ignition Loss and Active Calcium Oxide in Magnesium Oxide for Use in Magnesium Oxychloride Cements, Methods of Test for (ASTM C247-52) ..... .30	A101.1-1958	Ceramic Glazed Structural Clay Facing Tile, Facing Brick, and Solid Masonry Units, Specifications for (ASTM C126-57T) .... .30
A88.17-1953	Bulk Density of Magnesium Oxychloride Cements, Method of Test for (ASTM C248-52) ..... .30	A102.1-1956	Vitrified Clay Filter Block for Trickling Filters, Specifications for (ASTM C159-55) ... .30
A88.18-1953	Field Consistency of Magnesium Oxychloride Cements, Method of Slump Test (ASTM C249-52) ..... .30	A103.1-1954	Chemical-Resistant Masonry Units, Specifications for (ASTM C279-54) ..... .30
A88.19-1953	Field Determination of Specific Gravity of Gaging Solutions for Magnesium Oxychloride Cements, Specifications for, and Method for (ASTM C250-52) ..... .30	A104.1-1956	Terms Relating to Structural Clay Tile, Definitions of (ASTM C43-55) ..... .30
A88.20-1953	Mixing Magnesium Oxychloride Cement Compositions with Gaging Solutions (for Preparation of Specimens for Laboratory Tests), Method for (ASTM C251-52)... .30	A105.1-1956	Gypsum Partition Tile or Block, Specifications for (ASTM C52-54) ..... .30
A88.21-1953	Linear Contraction of Magnesium Oxychloride Cements, Method of Test for (ASTM C252-52) ..... .30	A106.1-1958	Standard Strength Perforated Clay Pipe, Specifications for (ASTM C211-57T)... .30
A88.22-1953	Linear Change of Magnesium Oxychloride Cements, Method of Test for (ASTM C253-52) ..... .30	A106.2-1955	Installing Clay Sewer Pipe, Recommended Practice for (ASTM C12-54) ..... .30
A88.23-1953	Setting Time of Magnesium Oxychloride Cements, Method of Test for (ASTM C254-52) ..... .30	A106.3-1958	Standard Strength Clay Sewer Pipe, Specifications for (ASTM C13-57T) ..... .30
A88.24-1953	Consistency of Magnesium Oxychloride Cements by the Flow Table, Method of Test for (ASTM C255-52) ..... .30	A106.4-1958	Standard Strength Ceramic Glazed or Unglazed Clay Sewer Pipe, Specifications for (ASTM C261-57T) ..... .30
A88.25-1953	Flexural Strength of Magnesium Oxychloride Cements (Using Simple Bar with Two-Point or Single-Point Loading), Method of Test for (ASTM C256-52) ..... .30	A106.5-1955	Testing Clay Pipe, Methods of (ASTM C301-54) ..... .30
A88.26-1953	Compressive Strength of Magnesium Oxychloride Cements, Method of Test for (ASTM C257-52) ..... .30	A107.1-1958	Inorganic Aggregates for Use in Gypsum Plaster, Specifications for (ASTM C35-57T) ..... .30
A89.1-1957	Reinforced Concrete, Building Code Requirements for (ACI 318-56) 1.00	A108.1-1958	Installation of Glazed Ceramic Wall Tile in Cement Mortars, Specifications for (Including Requirements of Related Divisions) ..... .30
		A108.2-1958	Installation of Ceramic Mosaic Tile in Cement Mortars, Specifications for (Including Requirements of Related Divisions) 1.50
		A108.3-1958	Installation of Quarry Tile and Pavers in Cement Mortars, Specifications for (Including Requirements of Related Divisions) ..... .30
		A109.1-1955	Primer for Use with Asphalt in Damp-proofing and Waterproofing, Specifications for (ASTM D41-41) ..... .30
		A109.2-1956	Asphalt-Saturated Roofing Felt for Use in Waterproofing and in Constructing Built-up Roofs, Specifications for (ASTM D226-56)30

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	Price
A109.3-1956 Coal-Tar Saturated Roofing Felt for Use in Waterproofing and in Constructing Built-up Roofs, Specifications for (ASTM D227-56)30
A109.4-1956 Asphalt-Saturated Asbestos Felts for Use in Waterproofing and in Constructing Built-up Roofs, Specifications for (ASTM D250-56) .....	.30
A109.5-1955 Asphalt-Saturated and Coated Asbestos Felts for Use in Constructing Built-up Roofs, Specifications for (ASTM D655-47) .....	.30
A109.6-1955 Coal-Tar Pitch, for Roofing, Dampproofing, and Waterproofing, Specifications for (ASTM D450-41) .....	.30
A109.7-1955 Coal-Tar Pitch for Steep Built-up Roofs, Specifications for (ASTM D654-49) ....	.30
A109.8-1955 Sieve Analysis of Granular Mineral Surfacing for Asphalt Roofing and Shingles, Method of Test for (ASTM D451-40) ..	.30
A109.9-1955 Sieve Analysis of Nongranular Mineral Surfacing for Asphalt Roofing and Shingles, Method of Test for (ASTM D452-40) .....	.30
A109.10-1957 Sampling and Testing Felted and Woven Fabrics Saturated with Bituminous Substances for Use in Waterproofing and Roofing, Methods of (ASTM D146-56T) ..	.30
A109.11-1955 Steam Distillation of Bituminous Protective Coatings, Method of Test for (ASTM D255-28) .....	.30
A109.12-1955 Woven Cotton Fabrics Saturated with Bituminous Substances for Use in Waterproofing, Specifications for (ASTM D173-44) .....	.30
A111.1-1955 Testing Refractory Brick Under Load at High Temperatures, Method of (ASTM C16-49)30
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A111.3-1955 Test for Apparent Porosity, Water Absorption, Apparent Specific Gravity, and Bulk Density of Burned Refractory Brick, Methods of (ASTM C20-46)30
A111.4-1956 Pyrometric Cone Equivalent (PCE) of Refractory Materials, Method of Test for (ASTM C24-56) .....	.30
A111.5-1956 Fireclay Refractory Brick, Classification of (ASTM C27-56) .....	.30
A111.6-1955 Basic Procedure in Panel Spalling Test for Refractory Brick, Method for (ASTM C38-52) .....	.30
A111.7-1955 Refractories for Malleable Iron Furnaces with Removable Bungs, and for Annealing Ovens, Specifications for (ASTM C63-51) .....	.30
A111.8-1955 Refractories for Heavy Duty Stationary Boiler Service, Specifications for (ASTM C64-51) .....	.30
A111.9-1955 Terms Relating to Refractories, Definitions of (ASTM C71-55) .....	.30
A111.10-1955 Sieve Analysis and Water Content of Refractory Materials, Methods of Test for (ASTM C92-46) .....	.30

	Price
A111.11-1955 Crushing Strength and Modulus of Rupture of Insulating Fire Brick at Room Temperature, Methods of Test for (ASTM C93-54) .....	.30
A111.12-1955 Ground Fire Clay as a Mortar for Laying-up Fireclay Brick, Specifications for (ASTM C105-47) .....	.30
A111.13-1955 Refractories for Incinerators, Specifications for (ASTM C106-51) .....	.30
A111.14-1955 Panel Spalling Test for High Duty Fireclay Brick, Method of ASTM (C107-52) ....	.30
A111.15-1955 Test for Reheat Change of Refractory Brick, Method of (ASTM C113-46) ....	.30
A111.16-1955 Panel Spalling Test for Super Duty Fireclay Brick, Method of (ASTM C122-52) ..	.30
A111.17-1955 Test for Cold Crushing Strength and Modulus of Rupture of Refractory Brick and Shapes, Methods of (ASTM C133-55) ...	.30
A111.18-1955 Test for Size and Bulk Density of Refractory Brick, Methods of (ASTM C134-41) ..	.30
A111.19-1955 Test for True Specific Gravity of Refractory Materials, Method of (ASTM C135-47) .....	.30
A111.20-1955 Refractories for Moderate Duty Stationary Boiler Service, Specifications for (ASTM C153-51) .....	.30
A111.21-1955 Test for Warpage of Refractory Brick and Tile, Method of (ASTM C154-41) .....	.30
A111.22-1958 Insulating Fire Brick, Classification of (ASTM C155-57) .....	.30
A111.23-1955 Fireclay Plastic Refractories for Boiler and Incinerator Services, Specifications for (ASTM C176-47) .....	.30
A111.24-1955 Air-Setting Refractory Mortar (Wet Type) for Boiler and Incinerator Services, Specifications for (ASTM C178-47) .....	.30
A111.25-1955 Test for Combined Drying and Firing Shrinkage of Fireclay Plastic Refractories, Method of (ASTM C179-46) .....	.30
A111.26-1955 Panel Spalling Test for Fireclay Plastic Refractories, Method of (ASTM C180-52) ..	.30
A111.27-1955 Test for Workability Index of Fireclay Plastic Refractories, Method of (ASTM C181-47) .....	.30
A111.28-1955 Test for Thermal Conductivity of Insulating Fire Brick, Method of (ASTM C182-47) .....	.30
A111.29-1955 Test for Bonding Strength of Air-Setting Refractory Mortar (Wet Type), Method of (ASTM C198-47) .....	.30
A111.30-1955 Test for Refractoriness of Air-Setting Refractory Mortar (Wet Type), Method of (ASTM C199-47) .....	.30
A111.31-1955 Test for Thermal Conductivity of Refractories, Method of (ASTM C201-47) ....	.30
A111.32-1955 Test for Thermal Conductivity of Fireclay Refractories, Method of (ASTM C202-47) .....	.30
A111.33-1955 Test for Reheat Change of Insulating Fire Brick, Method of (ASTM C210-46) ....	.30
A111.34-1955 Fireclay-Base Castable Refractories for Boiler Furnaces and Incinerators, Specifications for (ASTM C213-55) .....	.30
A111.35-1957 Test for Disintegration of Fireclay Refractories in an Atmosphere of Carbon Monoxide, Method of (ASTM C288-56) ..	.30

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	Price
A111.36-1955 Single- and Double-Screened Ground Refractory Materials, Classification of (ASTM C316-55)30

B — Mechanical Engineering

(Special price of series, including applicable abbreviation and symbol standards, \$225.00)

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B6.13-1955 System for Straight Bevel Gears	1.00
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		Price
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B9.1-1958	Mechanical Refrigeration, Safety Code for (ASRE 15-58)	1.00
B11.1-1948	†Power Presses and Foot and Hand Presses, Safety Code for	<i>Out of print</i>
B13-1924	Logging and Sawmill Safety Code (NBS Handbook H5)	<i>Out of print</i>
B15.1-1953 R1958	Mechanical Power-Transmission Apparatus, Safety Code for	2.00

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B16b-1944 R1953	Cast-Iron Pipe Flanges and Flanged Fittings, Class 250	1.50
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B16.3-1951 R1958	Malleable-Iron Screwed Fittings, 150 lb. ..	1.50
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B16.17-1949 R1953	Brass or Bronze Screwed Fittings, 250 lb. ...	1.00
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B16.19-1951 R1958	Malleable-Iron Screwed Fittings for Refrigerant Piping, Class 300	1.00
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B16.21-1951	Nonmetallic Gaskets for Pipe Flanges ...	1.00
B16.22-1951	Wrought Copper and Bronze Solder-Joint Fittings	1.00
B16.23-1955	Cast-Brass Solder-Joint Drainage Fittings. .	1.50
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● B18 — Bolts and Nuts (Continued)

B18.5-1952	Round Head Bolts	1.50
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B18.6.1-1956	Slotted and Recessed Head Wood Screws, (Partial Revision of B18.6-1947)	1.00
B18.6.2-1956	Hexagon Head Cap Screws, Slotted Head Cap Screws, Square Head Set Screws, and Slotted Headless Set Screws (Partial Revision of B18.6-1947)	1.50
B18.6.4-1958	Slotted and Recessed Head Tapping Screws and Metallic Drive Screws (Partial Revision of B18.6-1947)	4.00
B18.8-1950 R1958	High-Strength High-Temperature Internal Wrenching Bolts	1.00
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B19-1938	Compressed Air Machinery and Equipment, Safety Code for	<i>Out of print</i>
B20.1-1957	Conveyors, Cableways and Related Equipment, Safety Code for	1.50
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B29.9-1958	Small Pitch Silent Chains and Sprocket Tooth Form (Less than 3/8 inch Pitch) (SAE TR-96)	2.00
B30.1-1943 R1952	Jacks, Safety Code for	1.00
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B32.1-1952	Preferred Thicknesses for Uncoated Thin Flat Metals (Under 0.250 in.)	1.00
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Price

●B36 — Iron and Steel Pipe:

B36.1-1959	Welded and Seamless Steel Pipe, Specifications for (ASTM A53-58; ASME SA-53)...	☆
B36.2-1958	Welded Wrought-Iron Pipe, Specifications for (ASTM A72-56T; ASME SA-72) .....	.30
B36.3-1956	Seamless Carbon-Steel Pipe for High-Temperature Service, Specifications for (ASTM A106-55T; ASME SA-106) .....	.30
B36.4-1956	Electric-Fusion (Arc)-Welded Steel Plate Pipe Sizes, 16 in. and Over, Specifications for (ASTM A134-54) .....	.30
B36.5-1956	Electric-Resistance-Welded Steel Pipe, Specifications for (ASTM A135-55T; ASME SA-135) .....	.30
B36.9-1956	Electric-Fusion (Arc)-Welded Steel Pipe, Sizes 4 in. and Over, Specifications for (ASTM A139-55)30
B36.10-1950	Wrought-Steel and Wrought-Iron Pipe	1.50
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B36.12-1958	Seamless Steel Boiler Tubes, Specifications for (ASTM A83-56T; ASME SA-83)30
B36.13-1958	Electric-Resistance-Welded Steel and Open-Hearth Iron Boiler Tubes, Specifications for (ASTM A178-56T; ASME SA-178) ..	.30
B36.14-1956	Seamless Steel Boiler Tubes for High-Pressure Service (ASTM A192-55T; ASME SA-192) .....	.30
B36.15-1956	Medium-Carbon Seamless Steel Boiler and Superheater Tubes, Specifications for (ASTM A210-55T; ASME SA-210) .....	.30
B36.16-1956	Spiral-Welded Steel or Iron Pipe, Specifications for (ASTM A211-54) .....	.30
B36.17-1956	Seamless Alloy Steel Boiler, Superheater, and Heat Exchanger Tubes, Specifications for (ASTM A213-55T; ASME SA-213) ...	.30
B36.18-1956	Electric-Resistance-Welded Steel Boiler and Superheater Tubes for High-Pressure Service (ASTM A226-55T; ASME SA-226) .....	.30
B36.19-1957	Stainless Steel Pipe	1.00
B36.20-1958	Black and Hot-Dipped Zinc-Coated (Galvanized) Welded and Seamless Steel Pipe for Ordinary Uses, Specifications for (ASTM A120-54) .....	.30
B36.23-1956	Welded and Seamless Open-Hearth Iron Pipe, Specifications for (ASTM A253-55T) .....	.30
B36.26-1956	Seamless and Welded Austenitic Stainless Steel Pipe, Specifications for (ASTM A312-55) .....	.30
B36.27-1956	Seamless Low-Carbon and Carbon-Molybdenum Steel Still Tubes for Refinery Service, Specifications for (ASTM A161-55T) .....	.30
B36.28-1958	Seamless Cold-Drawn Low-Carbon Steel Heat-Exchanger and Condenser Tubes, Specifications for (ASTM A179-56T; ASME SA-179) .....	.30
B36.29-1958	Seamless Cold-Drawn Intermediate Alloy-Steel Heat-Exchanger and Condenser Tubes, Specifications for (ASTM A199-56T; ASME SA-199) .....	.30
B36.30-1956	Seamless Intermediate Alloy-Steel Still Tubes for Refinery Service, Specifications for (ASTM A200-55T) .....	.30
B36.31-1956	Seamless Carbon-Molybdenum Alloy-Steel Boiler and Superheater Tubes, Specifications for (ASTM A209-55T; ASME SA-209) .....	.30

Price

●B36 — Iron and Steel Pipe (Continued)

B36.32-1958	Electric-Resistance-Welded Steel Heat-Exchanger and Condenser Tubes, Specifications for (ASTM A214-56T; ASME SA-214)30
B36.33-1956	Welded Austenitic Stainless Steel Boiler, Superheater, Heat Exchanger, and Condenser Tubes, Specifications for (ASTM A249-55T; ASME SA-249)30
B36.34-1956	Electric-Resistance-Welded Carbon-Molybdenum Alloy-Steel Boiler and Superheater Tubes, Specifications for (ASTM A250-55T; ASME SA-250)30
B36.35-1956	Copper Brazed Steel Tubing, Specifications for (ASTM A254-55T)30
B36.36-1956	Seamless and Welded Ferritic Stainless Steel Tubing for General Service, Specifications for (ASTM A268-55; ASME SA-268)30
B36.37-1956	Seamless and Welded Austenitic Stainless Steel Tubing for General Service, Specifications for (ASTM A269-55)30
B36.38-1956	Seamless and Welded Austenitic Stainless Steel Sanitary Tubing, Specifications for (ASTM A270-55)30
B36.39-1956	Seamless Austenitic Chromium-Nickel Steel Still Tubes for Refinery Service (ASTM A271-55)30
B36.40-1956	Seamless and Welded Steel Pipe for Low-Temperature Service, Specifications for (ASTM A333-55T; ASME SA-333)30
B36.41-1956	Seamless and Welded Steel Tubes for Low-Temperature Service, Specifications for (ASTM A334-55T; ASME SA-334)30
B36.42-1956	Seamless Ferritic Alloy Steel Pipe for High-Temperature Service, Specifications for (ASTM A335-55T; ASME SA-335)30
●		
B38.1-1955	Food-Storage Volume and Shelf Area of Automatic Household Refrigerators, Method of Computing (NEMA HRF 1-1953)35
B38.2-1956	†Household Electric Refrigerators (Mechanically Operated), Test Procedures for (NEMA HRF2-1955)75
B38.3-1955	Methods of Rating and Testing Home Freezers50
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	Price
B64.2-1957 †Five-Quart and One-Gallon Round Motor Oil Cans, Requirements for35
B64.3-1954 Oblong Oil Cans, Requirements for35
B64.4-1954 †Grease Cans, Requirements for35
B65.1-1954 †Controls and Signaling Devices for Graphic Art Presses, Safety Code for50
B67.1-1958 Diamond Dressing Tools	1.00
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B75.1-1956 (Revised and redesignated as MH4.1-1958)	

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C2.3-1941 R1947 Installation and Maintenance of Electric Utilization Equipment, Safety Rules for the (NBS Handbook H33)	
C2.4-1939 R1947 Operation of Electric Equipment and Lines, Safety Rules for the (NBS Handbook H34)	
C2.5-1940 R1947 Radio Installations, Safety Rules for (NBS Handbook H35)	

● C5 — Protection against Lightning, Code for (NBS Handbook H46; NFPA 78):

C5.1-1953 Part I, Protection of Persons45
C5.2-1953 Part II, Protection of Buildings and Miscellaneous Property	
C5.3-1953 Part III, Protection of Structures Containing Flammable Liquids and Gases	

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● C7 — Bare Wire (Continued)

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	Price
● C7 — Bare Wire (Continued)	
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C7.33-1956 Zinc-Coated Steel Wire Strand (Class B and Class C Coatings) Specifications for (ASTM A218-54T) (Revision of G8.11-1944)30
C7.34-1956 Zinc-Coated (Galvanized) Steel Core Wire (With Coatings Heavier Than Standard Weight) for Aluminum Conductors, Steel Reinforced (ACSR), Specifications for (ASTM B261-55)30
C7.35-1957 Three-Quarter Hard Aluminum Wire for Electrical Purposes, Specifications for (ASTM B262-56)30
C7.36-1958 Standard Nominal Diameters and Cross-Sectional Areas of AWG Sizes of Solid Round Wires Used as Electrical Conductors, Specifications for (ASTM B258-57) ..	.30
C7.37-1957 Tinned Hard-Drawn and Medium-Hard-Drawn Copper Wire for Electrical Purposes, Specifications for (ASTM B246-56T) ..	.30
C7.38-1957 Silver-Coated Soft or Annealed Copper Wire, Specifications for (ASTM B298-56T) ..	.30
C7.39-1958 Soft or Annealed Coated Copper Conductors for Use in Hookup Wire for Electronic Equipment, Specifications for (ASTM B286-57T)30
C7.40-1958 Aluminum Wire for Communication Cable, Specifications for (ASTM B314-57T)30
● C8 — Insulated Wire:	
C8.1-1944 Definitions and General Standards for Wire and Cables (AIEE 30-1944)40
C8.9-1942 †Slow-Burning Wire and Cable, Specifications for35
C8.12-1956 †Cotton Braid for Insulated Wire and Cable for General Purposes, Specifications for75
C8.13-1948 Varnished Cambric Insulated Cables, Specification for (IPCEA S-2-1946) ... <i>Out of print</i>	
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	Price
● C8 — Insulated Wire (Continued)	
C8.16-1953 †Rubber-Insulated Tree Wire, Specifications for50
C8.17-1954 AO 30% Hevea Rubber Compound for Insulated Wire and Cable (ASTM D 27-52T) .....	.60
C8.18-1948 †Weather-Resistant (Weatherproof) Wire and Cable (URC Type), Specifications for .....	.60
C8.19-1939 †Weather-Resistant Saturants and Finishes for Aerial Rubber Insulated Wire and Cable, Specifications for .....	.40
C8.22-1954 Rubber Insulated Wire and Cable, Methods of Testing (ASTM D470-52T)50
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C8.24-1954 Heat-Resisting Synthetic Rubber Compound for Insulated Wire and Cable, Specifications for (ASTM D754-52T)50
C8.25-1954 Rubber Sheath Compound for Electrical Insulated Cords and Cables, Specifications for (ASTM D532-49)50
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C8.28-1954 GR-S Synthetic Rubber Sheath Compound for Electrical Insulated Cords and Cables, Specifications for (ASTM D866-46T)50
C8.29-1954 Ozone-Resistant Type Insulation for Insulated Wire and Cable, Specifications for (ASTM D574-46T)50
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C8.31-1954 Sheath Compound for Electrical Insulated Cords and Cables Where Extreme Abrasion Resistance Is Not Required, Specifications for (ASTM D753-49)50
C8.32-1954 GR-M Polychloroprene Sheath Compound for Electrical Insulated Cords and Cables, Specifications for (ASTM D752-49T) .....	.50
C8.33-1954 Thermoplastic Vinyl Polymer Sheath Compound for Electrical Insulated Cords and Cables, Specifications for (ASTM D1047-49T) .....	.50
C8.34-1954 †Weather-Resistant Wire and Cable, Neoprene Type, Specifications for .....	.50
C8.35-1957 †Weather-Resistant Wire and Cable, Polyethylene Type, Specifications for .....	.75
C8.36-1953 Asbestos, Asbestos-Varnished Cloth and Asbestos-Thermoplastic Insulated Wires and Cables, Requirements for (NEMA WCI 1955; IPCEA S-28-357)	3.00
● C9 — Magnet Wire:	
C9.1-1953 †Enamel-Coated Round Copper Magnet Wire (NEMA MW1-1953)50
C9.2-1953 †Cotton-Covered Round Copper Magnet Wire (NEMA MW11-1953)35

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Price

● C9 — Magnet Wire (Continued)

C9.3-1953	†Silk-Covered Round Copper Magnet Wire (NEMA MW21-1953)35
C9.4-1953	†Nylon-Fibre-Covered Round Copper Magnet Wire (NEMA MW22-1953) .....	.35
C9.5-1955	†Single and Heavy Vinyl Acetal-Coated Round Copper Magnet Wire (NEMA MW15-1955) .....	.75
C9.6-1955	†Heavy Vinyl Acetal-Coated Rectangular and Square Copper Magnet Wire (NEMA MW18-1955) .....	.50
C9.7-1955	†Double-Paper Single Cotton-Covered Rectangular and Square Copper Magnet Wire (NEMA MW32-1955) .....	.50
C9.8-1958	†Single and Heavy Nylon-Coated Round Copper Magnet Wire (NEMA MW 6-1957) .....	.80
C9.9-1958	†Single-Paper-Covered Round Copper Magnet Wire (NEMA MW 31-1956) .....	.50
C9.10-1958	†Paper-Covered Rectangular and Square Copper Magnet Wire (One Paper $\frac{3}{4}$ Lap or Four Intercalated Papers) NEMA MW 33-1957) .....	.50
C9.11-1958	†Glass-Fiber-Covered Rectangular and Square Copper Magnet Wire (NEMA MW 42-1957)80
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C16.4-1942	†Loudspeaker Testing	<i>Out of print</i>
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C16.12-1949	†Frequency-Modulation Broadcast Receivers, Methods of Testing (47 IRE 17.S1), with Supplement, C16.12a-1951, Effects of Mistuning and Downward Modulation, Methods of Testing for (49 IRE 17.S1) ..	1.25
C16.13-1949	†Television Receivers (Monochrome Service, 6-Megacycle Channel), Methods of Testing (48 IRE 22.S1)	1.00
C16.16-1949	(Revised and redesignated as C83.20-1958)	
C16.18-1951	†Vehicular Communications Receivers, Methods of Testing (49 IRE 16.S1)50
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C16.25-1955	†Interference Output of Television Receivers in the Range of 300 to 10,000 kc, Methods of Measurement (54 IRE 17.S1)60

Price

● C16 — Radio (Continued)

C16.25a-1957	†Conducted Interference Output of Broadcast and Television Receivers in the Range of 300 kc to 25 mc, Methods of Measurement of the (Supplement to C16-25-1955) (56 IRE 27.S1)50
C16.26-1955	†Terms on Radio Aids to Navigation, Definitions of (54 IRE 12.S1)	1.00
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C16.29-1957	†Gain, Amplification, Loss, Attenuation, and Amplitude-Frequency-Response, Methods of Measurement of (56 IRE 3.S1)80
C16.30-1957	†Definitions of Terms on Facsimile (56 IRE 9.S1)60
●		
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C29.5-1955	†Wet-Process Porcelain Insulators (Low- and Medium-Voltage Pin Type) (EEI TDJ-55, NEMA 143-1952)50
C29.6-1955	†Wet-Process Porcelain Insulators (High-Voltage Pin Type) (EEI TDJ-56, NEMA 144-1952)50
C29.7-1955	†Wet-Process Porcelain Insulators (High-Voltage Line-Post Type) (EEI TDJ-57, NEMA 145-1952)50
C29.8-1957	†Wet-Process Porcelain Insulators (Apparatus-Cap and Pin Type) (EEI TDJ-58; NEMA 146-1956)	<i>Out of print</i>
C29.9-1957	†Wet-Process Porcelain Insulators (Apparatus-Post Type) (EEI TDJ-59; NEMA 147-1956)	<i>Out of print</i>
C33.1-1957	Flexible Cord and Fixture Wire, Safety Standard for (UL 62)75
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	Price		Price
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C37.5-1953	†Rms Value of a Sinusoidal Current Wave and a Normal-Frequency Recovery Voltage, Methods for Determining the60	
C37.6-1957	†Preferred Ratings for Power Circuit Breakers, Schedules of40	
C37.7-1952	†Interrupting Rating Factors for Reclosing Service Power Circuit Breakers30	
C37.8-1952	†Rated Control Voltages and Their Ranges, for Power Circuit Breakers30	
C37.9-1953	†Test Code for Power Circuit Breakers60	
C37.11-1957	†Power Circuit Breaker Control, Requirements for80	
C37.12-1952	†Guide Specifications for Alternating-Current Power Circuit Breakers60	
C37.13-1954	†Low Voltage Air Circuit Breakers (Including Application Guide)80	
C37.14-1954	†Low Voltage Air Circuit Breakers, Test Code for50	
C37.15-1954	†Rated Control Voltages and Their Ranges for Low Voltage Air Circuit Breakers ..	.30	
C37.16-1958	†Schedules of Preferred Ratings for Alternating and Direct Current Low Voltage Air Circuit Breakers40	
C37.17-1956	†Preferred Pick-Up Calibrations and Trip Delay Settings for Alternating Current Low Voltage Air Circuit Breakers30	
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C42.10-1957	Rotating Machinery (Group 10)	1.20	
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C42.20-1956	Switchgear (Group 20)	1.20	
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● C42 — Definitions of Electrical Terms (Continued)			
C42.30-1957	Instruments, Meters and Meter Testing (Group 30)	1.20	
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C42.42-1956	Transportation—Land (Group 42)		
C42.43-1956	Transportation—Marine (Group 43)		
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C42.60-1956	Electrochemistry and Electrometallurgy (Group 60)60	
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C50.5-1955	†Rotating Exciters for Synchronous Machines	.80	
C50.6-1955	†Motor-Generator Sets50	
C50.8-1955	†Dimensions for Motors and Generators ..	1.00	
C50.20-1954	†Polyphase Induction Motors and Generators, Test Code for80	
●			
C52.3-1945	†Straight and Offset Resistance-Welding Electrodes and Electrode Holders (American War Standard)50	
C52.4-1945	†Controls for Resistance-Welding Machines (American War Standard)35	
C52.5-1945	†Specifications for Resistance-Welding Machines (American War Standard)75	
C55.1-1951	Capacitors, Standards for (AIEE 18-1951)..	.40	
● C57 — Transformers, Regulators, and Reactors:			
<i>(20% discount will be allowed on the purchase of complete C57 series) (Special Binder \$2.75)</i>			
C57.10-1953	†Transformers, Regulators, and Reactors, Terminology for	Out of print	
C57.11-1953	†Transformers, Regulators, and Reactors, General Requirements for	Out of print	

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Price

●C57 — Transformers, Regulators, and Reactors (Cont'd)
Requirements, Terminology, and Test Code for Distribution, Power, and Regulating Transformers and Reactors Other Than Current-Limiting Reactors:

C57.12.00-1958 †General (Section 00)	2.00
C57.12.10-1958 †Transformers, 67,000 Volts and Below, 501 Through 10,000 kva, 3 Phase; 501 Through 5,000 kva 1 Phase (Section 10),	1.50
C57.12.20-1958 †Overhead-Type Distribution Transformers, 67,000 Volts and Below, 500 kva and Smaller (Section 20)	2.20
C57.12.30-1958 †Three-Phase Load-Tap-Changing Transformers, 67,000 Volts and Below, 1,000 kva Through 10,000 kva (Section 30) ...	1.50
C57.12.80-1958 †Terminology (Section 80)	1.00
C57.12.90-1958 †Test Code (Section 90)	2.20
(The above C57.12 standards constitute the revision of C57.12-1956, including supplements C57.12c-1957, C57.12d-1957 and C57.12 Section 30.)	
C57.12 (Section 40) Secondary Network Transformers, Subway and Vault Types (Liquid Immersed) (EEI 57-7; NEMA TR4-1957) (Proposed American Standard) .....	.80
C57.13-1954 †Instrument Transformers, Requirements, Terminology, and Test Code for Revision of: C57.13-1948 Editorial Consolidation with C57.23-1948 and pertinent portions of C57.10-1953 C57.11-1953	2.50
C57.14-1948 †Constant-Current Transformers of the Moving-Coil Type	<i>Out of print</i>
C57.15-1949 †Step-Voltage and Induction-Voltage Regulators, Requirements, Terminology, and Test Code for Editorial Consolidation with C57.25-1949 and pertinent portions of C57.10-1953 C57.11-1953	2.00
C57.16-1958 †Current-Limiting Reactors, Requirements, Terminology, and Test Code for	2.00
C57.18-1948 †Rectifier Transformer Equipment,	<i>Out of print</i>
C57.28-1948 †Rectifier Transformer Equipment, Test Code for	<i>Out of print</i>
* C57.31 †Operation of Transformers, Regulators, and Reactors at Altitudes Greater than 3300 Feet (1000 Meters), Guide for	<i>Out of print</i>
* C57.33 †Loading and Operation of Instrument Transformers, Guide for	<i>Out of print</i>
* C57.34 †Loading Pole-Type Constant-Current Transformers, Guide for,	<i>Out of print</i>
* C57.36 †Loading Current-Limiting Reactors, Guide for	<i>Out of print</i>

* Withdrawn; in accordance with ASA C57 Committee action, officially approved by ASA on August 20, 1953, the words "American Standard" were removed from the titles of the guides. They now have the status of an appendix to the C57 standards as a source of engineering information.

Price

●C57 — Transformers, Regulators, and Reactors
(Continued)

C57.92 (1959 ed) †Guide for Loading Oil-Immersed Distribution and Power Transformers (Not an American Standard) Appendix to C57.12 standards	2.00
C57.93 †Guide for the Installation and Maintenance of Oil-Immersed Transformers (NEMA TR5-1956) .....	.75
C57.94 †Guide for Operation and Maintenance of Dry-Type Transformers (AIEE 53) ....	.50
C57.95 †Guide for Loading Oil-Immersed Step-Voltage and Induction-Voltage Regulators (Not an American Standard) Appendix to C57.15-1949	1.00
●C59 — Electrical Insulation Materials:	
C59.1-1955 Testing Molded Materials Used for Electrical Insulation, Methods of (ASTM D48-54T) .....	.30
C59.2-1955 Testing Electrical Insulating Oils, Method of (ASTM D117-54T) .....	.30
C59.3-1955 Insulation Resistance of Electrical Insulating Materials, Methods of Test for (ASTM D257-54T) .....	.50
C59.4-1935 Rubber Matting for Use Around Electrical Apparatus (Voltage Rating of Matting, 3000 Volts), Specifications for (ASTM D178-24) .....	.30
C59.6-1958 Rubber Insulating Tape, Specifications for (ASTM D119-57T) .....	.30
C59.10-1941 Testing Molding Powders Used in Manufacturing Molded Electrical Insulators, Methods of (ASTM D392-38) .....	.30
C59.11-1955 Impact Resistance of Plastics and Electrical Insulating Materials, Methods of Test for (ASTM D256-56) .....	.30
C59.13-1951 Testing Sheet and Plate Materials Used in Electrical Insulation, Methods of (ASTM D229-49) .....	.30
C59.14-1958 Testing Laminated Tubes Used for Electrical Insulation, Methods of (ASTM D348-56) .....	.30
C59.15-1958 Testing Laminated Round Rods Used for Electrical Insulation, Methods of (ASTM D349-56) .....	.30
C59.16-1956 Laminated Thermosetting Materials, Specifications for (ASTM D709-55T) .....	.50
C59.17-1949 Fabricating Laminated Plastics, Practice for (NEMA 45-107) .....	.25
C59.18-1954 Testing Shellac Used for Electrical Insulation, Methods of (ASTM D411-52) ....	.30
C59.19-1952 Dielectric Strength of Insulating Oils of Petroleum Origin, Method of Test for (ASTM D877-49) .....	.30
C59.20-1952 Vulcanized Fiber (NEMA Vul-1949),	<i>Out of print</i>
C59.21-1958 Sampling Electrical Insulating Oils, Method for (ASTM D923-56) .....	.30
C59.22-1951 Power Factor and Dielectric Constant of Electrical Insulating Oils of Petroleum Origin, Method of Test for (ASTM D924-49) .....	.30
C59.23-1951 Gas Content of Insulating Oils, Methods of Test for (ASTM D831-48)30

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Price

● C59 — Electrical Insulation Materials (Continued)

C59.24-1951	Inorganic Chlorides and Sulfates in Insulating Oils, Method of Test for (ASTM D878-49)30
C59.25-1951	Detection of Free Sulphur in Electrical Insulating Oils, Method of Test for (ASTM D989-51) .....	.30
C59.26-1958	Natural Block Mica and Mica Films Suitable for Use in Fixed Mica-Dielectric Capacitors, Specification for (ASTM D748-54T) .....	.30
C59.27-1957	Natural Muscovite Mica Based on Visual Quality, Specifications for (ASTM D351-57T) .....	.60
C59.28-1955	Conditioning Plastics and Electrical Insulating Materials for Testing, Methods of (ASTM D618-54) .....	.30
C59.29-1956	Vulcanized Fiber Sheets, Rods, and Tubes Used for Electrical Insulation, Specifications for (ASTM D710-54T) .....	.30
C59.30-1958	Testing Varnishes Used for Electrical Insulation, Methods of (ASTM D115-55) ..	.30
C59.31-1958	Testing Varnished Cotton Fabrics and Varnished Cotton Fabric Tapes Used for Electrical Insulation, Methods of (ASTM D295-58) .....	.30
C59.32-1958	Test for Product Uniformity of Phenolic Laminated Sheets, Methods of (ASTM D634-44) .....	.30
C59.33-1958	Measuring Dimensions of Rigid Tubes Used for Electrical Insulation, Methods of (ASTM D668-52) .....	.30
C59.34-1958	Measuring Dimensions of Rigid Rods Used in Electrical Insulation, Methods of (ASTM D741-52) .....	.30
C59.35-1958	Testing Varnished Glass Fabrics and Varnished Glass Fabric Tapes Used for Electrical Insulation, Methods of (ASTM D902-56) .....	.30
C59.36-1958	Testing Silicone Insulating Varnishes, Methods of (ASTM D1346-57) .....	.30
C59.37-1958	Ozone Resistant Rubber Insulating Tape, Specifications for (ASTM D1373-57T) ..	.30
C59.38-1958	Silicone Varnished Glass Cloth and Tape for Electrical Insulation, Specifications for (ASTM D1459-57T) .....	.30

● C60 — Electron Tubes:

C60.1-1956	†Electron Tube Bases, Caps, and Terminals (NEMA 500-D; RETMA ET-103-D)	1.10
C60.2-1956	†Dimensional Characteristics of Electron Tubes (NEMA 502-C; RETMA ET-105-C) ..	.50
C60.4-1950	†Designation System for Metal Electron Tube Shells (RETMA ET-112; NEMA 508) .....	.35
C60.5-1952	†Electron Tubes, Methods of Testing (50 IRE 7.52)	1.25
C60.6-1952	†Direct Interelectrode Capacitance, Measurement of (RETMA ET-109-A; NEMA 505-A)	<i>Out of print</i>
C60.7-1956	†Gages for Electron Tubes Bases (NEMA 503-C; RETMA ET-106-C) .....	.65
C60.8-1952	†Interelement Capacitances, Rating Values of (RETMA ET-114; NEMA 510) .....	.15

Price

● C60 — Electron Tubes (Continued)

C60.11-1954	†Gas Filled Radiation Counter Tubes, Methods of Testing (52 IRE 7.52) .....	.75
C60.13-1954	†Noise in Electron Devices, Methods of Measuring (53 IRE 7.51) .....	.75
●		
C62.1-1957	Lightning Arresters for Alternating Current Power Circuits (AIEE 28) .....	.60
C63.1-1946	†Radio Interference of Electrical Components and Completed Assemblies of Electrical Equipment for the Armed Forces from 150 Kilocycles to 20 Megacycles, Method of Measuring (American War Standard) (JAN-1-225)	<i>Out of print</i>
C63.2	Radio Noise Meter, 0.015 to 25 Megacycles/Second, Specifications for (RETMA 32-A; NEMA 102-1950) (Proposed American Standard; published for trial and criticism)	<i>Out of print</i>
C63.3	Radio Noise and Field Intensity Meters, 20 to 1000 Megacycles/Second, Specifications for (NEMA 131-1952; RETMA 41) (Proposed American Standard; published for trial and criticism)	<i>Out of print</i>
C64.1-1956	Brushes for Electrical Machines (Carbon, Carbon-Graphite, Electrographitic, Graphite, and Metal-Graphite Brushes), Requirements for (NEMA CB1-1956)	2.00
C65.1-1954	Power-Operated Radio Receiving Appliances, Safety Standard for	<i>Out of print</i>
C67.1-1951	†Preferred Nominal Voltages, 100 Volts and Under .....	.25
C68.1-1953	Measurement of Test Voltage in Dielectric Tests (AIEE 4-1953) .....	.80
C70.1-1953	Household Automatic Electric Flatirons (NEMA DA1-1954)	1.00
C71.1-1950	Household Electric Ranges (NEMA ER1-1950) .....	.90
C72.1-1949	Household Automatic Electric Storage-Type Water Heaters (NEMA WH1-1949) .....	.90
C73.1-1957	Outlet Receptacles, Attachment Plug Caps and Appliance Plugs (NEMA WD1-1956) ..	1.50
C76.1-1943	Apparatus Bushings and Test Code for Apparatus Bushings (AIEE 21-1942) and Supplement C76.1a-1958	1.10
C76.1a-1958	†Outdoor Apparatus Bushings (Used with Power Circuit Breakers and Outdoor Transformers) (Supplement to and Partial Revision of C76.1-1943) .....	.50
C77.1-1943 R1953	Wet Tests (AIEE 29-1941) .....	.40

● C78 — Incandescent Lamps:

(20% discount will be allowed on the purchase of complete series) (Binder \$2.00)

C78.100-1956	†General Service for 115-, 120-, and 125-Volt Circuits .....	.25
C78.101-1956	†General Service for 230- and 250-Volt Circuits .....	.25
C78.102-1949 R1953	†Train, Locomotive, and Country Home Service 30-34 and 60-64 Volts25

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Price

● C78 — Incandescent Lamps (Continued)

C78.103-1949 R1953	†Street Railway Service25
C78.105-1957	†Spotlight and Floodlight Service 115, 120, and 125 Volts .....	.25
C78.106-1953	†Infrared Lamps for 115-125 Volt Service..	.25
C78.107-1953	†Projector and Reflector Spotlight and Floodlight Lamps 115, 120, and 125 Volts	.25
C78.109-1949 R1953	†Street Series Service .....	.25
C78.200-1949 R1953	†S-6, Bulb, Candelabra Screw Base and C-7 Bulb, Candelabra Screw Base .....	.25
C78.201-1949 R1953	†S-11 Bulb, Medium Screw Base .....	.25
C78.202-1949 R1953	†S-11 Bulb, Intermediate Screw Base .....	.25
C78.203-1949 R1953	†S-14 Bulb, Medium Screw Base .....	.25
C78.204-1949 R1953	†A-15 Bulb, Medium Screw Base .....	.25
C78.205-1949 R1953	†A-17 Bulb, Medium Screw Base .....	.25
C78.206-1949 R1953	†A-19 Bulb, Medium Screw Base (Over-all Length: Max $3\frac{1}{8}$ Inches, Min $3\frac{7}{8}$ Inches)	.25
C78.207-1949 R1953	†T-6½ Bulb, Intermediate Screw Base ....	.25
C78.208-1949 R1953	†T-10 Bulb, Medium Screw Base .....	.25
C78.209-1949 R1953	†T-10 Reflector Bulb, Medium Screw Base..	.25
C78.210-1949 R1953	†A-19 Bulb, Medium Screw Base (Over-all Length: Max $4\frac{1}{4}$ Inches, Min $3\frac{7}{8}$ Inches)	.25
C78.211-1949 R1953	†A-19 Bulb, Medium Screw Base (Over-all Length: Max $4\frac{1}{2}$ Inches, Min $4\frac{1}{8}$ Inches)	.25
C78.212-1949 R1953	†T-8 Bulb, Medium Screw Base .....	.25
C78.213-1949 R1953	†PS-25 Bulb, Three-Contact Medium Screw Base .....	.25
C78.214-1949 R1953	†PS-25 Bulb, Three-Contact Mogul Screw Base .....	.25
C78.215-1949 R1953	†A-21 Bulb, Medium Screw Base (Over-all Length: Max $4\frac{1}{2}$ Inches, Min $4\frac{1}{8}$ Inches)	.25
C78.216-1949 R1953	†A-21 Bulb, Medium Screw Base (Over-all Length: Max $5\frac{1}{8}$ Inches, Min $4\frac{1}{8}$ Inches)	.25
C78.217-1949 R1953	†A-21 Bulb, Medium Screw Base (Over-all Length: Max $4\frac{1}{2}$ Inches, Min $4\frac{1}{8}$ Inches)	.25
C78.218-1949 R1953	†A-23 Bulb, Medium Screw Base .....	.25
C78.219-1949 R1953	†G-30 Bulb, Three-Contact Mogul Screw Base .....	.25
C78.220-1949 R1953	†PS-25 Bulb, Medium Screw Base .....	.25
C78.221-1949 R1953	†PS-30 Bulb, Medium Screw Base .....	.25
C78.223-1949 R1953	†PS-35 Bulb, Mogul Screw Base .....	.25
C78.224-1949 R1953	†PS-40 Bulb, Mogul Screw Base .....	.25
C78.225-1949 R1953	†PS-52 Bulb, Mogul Screw Base .....	.25
C78.226-1949 R1953	†P-25 Bulb, Medium Screw Base .....	.25

Price

● C78 — Incandescent Lamps (Continued)

C78.233-1949 R1953	†G-30 Bulb, Medium Screw Base .....	.25
C78.234-1949 R1953	†G-40 Bulb, Mogul Screw Base (Over-all Length: Max $7\frac{1}{2}$ Inches, Min $6\frac{1}{2}$ Inches)	.25
C78.235-1949 R1953	†G-40 Bulb, Mogul Screw Base (Over-all Length: Max 8 Inches, Min $7\frac{1}{2}$ Inches)	.25
C78.236-1949 R1953	†R-40 Bulb, Medium Skirted Screw Base...	.25
C78.237-1949 R1953	†R-40 Bulb, Medium Screw Base .....	.25
C78.238-1949 R1953	†PAR-38 Bulb, Medium Skirted Screw Base	.25
C78.245-1949 R1953	†PS-25 Bulb, Mogul Screw Base .....	.25
C78.248-1949 R1953	†T-64 Bulb, Mogul Bipost Base .....	.25
C78.251-1953	†R-30 Bulb, Medium Screw Base .....	.25
C78.252-1956	†A-25 Bulb, Medium Screw Base Incandes- cent Lamps .....	.25
C78.253-1956	†A-23 Bulb, Medium Screw Base Incandes- cent Lamps (Over-All Length—Maximum $6\frac{5}{16}$ Inches, Minimum $5\frac{7}{8}$ Inches) .....	.25
C78.370-1956	†Code for the Designation of Photo Lamps	.50
C78.390-1958	†Designation of Miniature Lamps, Method for the .....	.35

● C78 — Electric Discharge Lamps (Fluorescent), Dimensional and Electrical Characteristics of:

(20% discount will be allowed on the purchase of complete series) (Binder \$2.00)

C78.375-1955	Guide for Electrical Measurements of Fluorescent Lamps .....	.15
C78.380-1957	†Designation of Mercury Lamps, Method for the .....	.35
C78.400-1951	†4-Watt T-5 Pre-heat Start .....	.25
C78.401-1951	†6-Watt T-5 Pre-heat Start .....	.25
C78.402-1951	†8-Watt T-5 Pre-heat Start .....	.25
C78.403-1958	†14-Watt T-12 Pre-heat Start .....	.35
C78.404-1958	†15-Watt T-8 Pre-heat Start .....	.35
C78.405-1958	†15-Watt T-12 Pre-heat-Start Fluorescent Lamp .....	.35
C78.406-1958	†20-Watt T-12 Pre-heat Start Fluorescent Lamp .....	.35
C78.407-1951	†30-Watt T-8 Pre-heat Start .....	.25
C78.408-1956	†40-Watt T-12 Pre-heat Start .....	.25
C78.411-1956	†90-Watt T-17 Pre-heat Start .....	.25
C78.413-1958	†32-Watt T-10 12-Inch Circular Pre-heat Start .....	.35
C78.415-1958	†40-Watt T-10 16-Inch Circular Rapid-Start Fluorescent Lamp .....	.35
C78.416-1958	†22-Watt T-9 8-Inch Circular Pre-heat Start Fluorescent Lamp .....	.35
C78.600-1955	†40-Watt T-12 Instant-Start .....	.25
C78.601-1951 R1955	†40-Watt T-17 Instant-Start25
C78.700-1958	†40-Watt T-12 Rapid-Start Fluorescent Lamp	.35

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Price

●C78 — Electric Discharge Lamps (Continued)

C78.701-1956	†72-Inch T-12 Rapid Start (Mogul Bipin) Fluorescent Lamp (For Street Lighting Only)25
C78.702-1958	†96-Inch (800-Milliampere) T-12 Rapid-Start Fluorescent Lamp .....	.35
C78.703-1958	†72-Inch T-12 Rapid-Start (Recessed Double Contact) Fluorescent Lamp .....	.35
C78.801-1951	†42-Inch T-6 Instant-Start Single-Pin Hot-Cathode .....	.25
C78.803-1951	†64-Inch T-6 Instant-Start Single-Pin Hot-Cathode .....	.25
C78.805-1957	†72-Inch T-8 Instant-Start Single-Pin Hot-Cathode .....	.25
C78.807-1957	†96-Inch T-8 Instant-Start Single-Pin Hot-Cathode .....	.25
C78.808-1955	†48-Inch T-12 Instant-Start Single-Pin Hot-Cathode .....	.25
C78.809-1955	†72-Inch T-12 Instant-Start Single-Pin Hot-Cathode .....	.25
C78.810-1955	†96-Inch T-12 Instant-Start Single-Pin Hot-Cathode .....	.25
C78.1100-1951	†20-Millimeter 52-Inch Cold-Cathode .....	.25
C78.1101-1951	†20-Millimeter 64-Inch Cold-Cathode .....	.25
C78.1102-1951	†20-Millimeter 76-Inch Cold-Cathode .....	.25
C78.1103-1951	†20-Millimeter 84-Inch Cold-Cathode .....	.25
C78.1104-1957	†25-Millimeter 93-Inch Cold-Cathode .....	.25
C78.1105-1951	†20-Millimeter 93-Inch Cold-Cathode .....	.25
C78.1106-1957	†25-Millimeter 69-Inch Cold-Cathode .....	.25
C78.1107-1957	†25-Millimeter 45-Inch Cold-Cathode .....	.25

●C78 — Electrical Discharge Lamps (Mercury Vapor), Dimensional and Electrical Characteristics of:

C78.1304-1957	†400-Watt BT-37 Fluorescent .....	.25
C78.1305-1957	†400-Watt BT-37 .....	.25

●C78 — Bactericidal Lamps:

C78.1200-1951	†8-Watt T-5 .....	.25
C78.1201-1951	†15-Watt T-8 .....	.25
C78.1202-1951	†30-Watt T-8 .....	.25

●C78 — Fluorescent Lamp Auxiliaries (see also Fluorescent Lamp Ballasts, C82):

C78.180-1956	†Fluorescent Lamp Starters, Specifications for .....	.50
C78.181-1956	†Fluorescent Lamp Starters, Method of Testing .....	.50
C79.1-1958	†Glass Bulbs Intended for Use with Electron Tubes and Electric Lamps, Nomenclature for .....	.80
C79.2-1954 R1958	†Molded Glass Flares Intended for Use with Electron Tubes and Electric Lamps, Nomenclature for .....	.35

●C80 — Conduit:

C80.1-1953	†Rigid Steel Conduit, Zinc Coated, Specification for (NEMA 110-1953) .....	.50
C80.2-1953	†Rigid Steel Conduit, Enameled, Specification for (NEMA 111-1953) .....	.35
C80.3-1950 R1953	†Electrical Metallic Tubing, Zinc Coated, Specification for (NEMA 112-1950) ....	.35

Price

●C80 — Conduit (Continued)

C80.4-1958	†Fittings for Rigid Steel Conduit and Electrical Metallic Tubing, Specification for .....	.80
C81.1-1951	†Rolled Threads for Screw Shells of Electric Lamp Holders and for Screw Shells of Unassembled Lamp Bases, Dimensions for .....	.35

●C82 — Fluorescent Lamp Ballasts:

C82.1-1958 (2nd ed)	†Fluorescent Lamp Ballasts, Specifications for .....	.80
C82.2-1958	†Fluorescent Lamp Ballasts, Methods of Measurement of	1.00
C82.3-1957	†Fluorescent Lamp Reference Ballasts, Specification for .....	.35

●C83 — Components for Electronic Equipment

C83.1-1956	†Numerical Values of Components for Electronic Equipment, Color Coding for (RETMA GEN-101-A) .....	.50
C83.2-1949 R1954	†Components for Electronic Equipment, Preferred Values for (RETMA GEN-102) .....	.35
C83.3-1951 R1954	†Piezoelectric Crystals, Terminology for (49 IRE 14.S1) .....	.80
C83.4-1958	Ceramic Dielectric Capacitors Classes 1 and 2, Requirements for (EIA RS-198) ....	.80
C83.6-1955	†Fixed Wire Wound Resistors, Recommendations for (RETMA REC-117) ...	.30
C83.7-1955	†Variable Control Resistors, Recommendations for (RETMA REC-121-B) .....	.30
C83.8-1955	†Forms, Dimensions, and Ratings of Panel Lamps (RETMA REC-137) .....	.25
C83.9-1956	†Panel Mounting Racks, Panels, and Associated Equipment, Nomenclature and Dimensions for (RETMA SE-102) .....	.25
C83.10-1956	†Rectangular Waveguides, Requirements for (RETMA TR-108-A) .....	.25
C83.11-1956	†Metal Encased Fixed Paper Dielectric Capacitors for D-C Application, Requirements for (RETMA TR-113-A) .....	.65
C83.12-1956	†Cable Connectors for Audio Facilities for Radio Broadcasting, Requirements for (RETMA TR-118) .....	.25
C83.13-1956	†Wire-Wound Power-Type Rheostats, Requirements for (RETMA TR-133) ....	.45
C83.14-1956	†Rigid Coaxial Transmission Lines—50 Ohms, Requirements for (RETMA TR-134) ...	.25
C83.15-1958	†Electrolytic Capacitors (For Use Primarily in Transmitters and Electronic Instruments), Requirements for (EIA RS-198), .....	.80
C83.17-1958	†Measurement and Definition of the Piezoelectric Vibrator, Methods of (57 IRE 14.S1) .....	.60
C83.18-1958	†Fixed Wire-Wound Power Resistors, Requirements for (EIA RS-155) .....	.80
C83.19-1958	†Circular Waveguides, Requirements for (EIA RS-200) .....	.30
C83.20-1958	†Vibrators for Auto Radios, Requirements for, (Revision of C16.16-1949) (EIA RS-187)	1.65
C83.21-1958	†Solid Dielectric Transmission Lines, Requirements for (EIA RS-199)	1.20

ALL PRICES ARE SUBJECT TO CHANGE WITHOUT NOTICE

	Price
C84.1-1954 †Preferred Voltage Ratings for A-C Systems and Equipment, Guide for (EEI R-6; NEMA 117) .....	.70
C86.1-1958 †Shockproof Cable Terminals and Receptacles for Use on X-ray Equipment, Specification for	☆
C89.1-1957 †Specialty Transformers, Requirements and Terminology for	3.00
C90.1-1957 †Focal Spot Size of Diagnostic X-ray Tubes (Not Exceeding 150 PKV), Method of Measurement of (Federal Standard No. 83) .....	.35
C91.1-1958 Residential Wiring, Requirements for (AIA 31-C-61) .....	.25

For standard abbreviations and symbols in electrical engineering, see Y, Drawings and Symbols.

D — Automotive

D6.1-1955 Manual on Uniform Traffic Control Devices for Streets and Highways, with Supplement	1.25
D7.1-1956 †Inspection Requirements for Motor Vehicles	1.00
D8.1-1956 Railroad Highway Grade Crossing Protection (AAR Bulletin 5) .....	.50
D10.1-1958 Adjustable Face Traffic Control Signal Head Standards (ITE Technical Report 1-1958) .....	.50
D11.1-1958 Pre-Timed, Fixed Cycle, Traffic Signal Controllers (ITE Technical Report 2-1958) .....	.50
D12.1-1953 Street and Highway Lighting .....	.50
D13.1-1958 Traffic-Actuated, Traffic Signal Controllers and Detectors, Specifications for (ITE Technical Report 3-1958) .....	.50
D14.1-1955 Boiling Point of Engine Antifreezes, Method of Test for (ASTM D1120-1953) .....	.30
D14.2-1955 Reserve Alkalinity of Concentrated Engine Antifreezes, Method of Test for (ASTM D1121-54) .....	.30
D14.3-1955 Specific Gravity of Concentrated Engine Antifreezes by the Hydrometer, Method of Test for (ASTM D1122-53) .....	.30
D14.4-1955 Sampling and Preparing Aqueous Solutions of Engine Antifreeze for Testing Purposes, Method for (ASTM D1176-54) ...	.30
D14.5-1955 Freezing Point of Aqueous Engine Antifreeze Solution (ASTM D1177-54) .....	.30

G — Ferrous Materials and Metallurgy

G8.1-1956 Zinc (Hot-Galvanized) Coatings on Products Fabricated from Rolled, Pressed, and Forged Steel Shapes, Plates, Bars, and Strip, Specifications for (ASTM A123-53; AASHTO M111) .....	.30
G8.2-1956 Zinc-Coated (Galvanized) Iron or Steel Sheets, Coils, and Cut Lengths, Specifications for (ASTM A93-55T) .....	.30
G8.4-1935 Zinc-Coated (Galvanized) Iron or Steel Tie Wires, Specifications for (ASTM A112-33) .....	.30
G8.8-1937 Zinc-Coated (Galvanized) Wrought Iron Sheets, Specifications for (ASTM A163-36) .....	.30
G8.9-1958 Zinc-Coated (Galvanized) Iron or Steel Farm-Field and Railroad Right-of-Way Wire Fencing (ASTM A116-57) .....	.30

	Price
G8.10-1958 Zinc-Coated (Galvanized) Steel Barbed Wire, Specifications for (ASTM A121-57) .....	.30
G8.12-1956 Test for Weight of Coating on Zinc-Coated (Galvanized) Iron or Steel Articles, Methods of (ASTM A90-53) .....	.30
G8.13-1956 Safeguarding Against Embrittlement of Hot Galvanized Structural Steel Products and Procedure for Detecting Embrittlement, Recommended Practice for (ASTM A143-46) .....	.30
G8.14-1956 Zinc Coating (Hot-Dip) on Iron and Steel Hardware, Specifications for (ASTM A153-53) .....	.30
G17.3-1958 Forged or Rolled Steel Pipe Flanges, Forged Fittings, and Valves and Parts for High-Temperature Service, Specifications for (ASTM A105-56T; ASME SA-105) .....	.30
G21.1-1956 Structural Rivet Steel, Specification for (ASTM A141-55) .....	.50
G23-1939 Uncoated Wrought Iron Sheets, Specifications for (ASTM A162-39) .....	.30
G24.1-1957 Steel for Bridges and Buildings, Specifications for (ASTM A7-56T; ASME SA-7) ..	.50
G25.1-1956 Gray Iron Castings, Specifications for (ASTM A48-56; ASME SA-48; AASHTO M105) .....	.30
G26.1-1942 Cast-Iron Culvert Pipe, Specifications for (ASTM A142-38) .....	.30
G27.1-1956 Lightweight and Thin-Sectioned Gray Iron Castings, Specifications for (ASTM A190-47) .....	.30
G28.1-1956 Boiler Rivet Steel and Rivets, Specifications for (ASTM A31-55; ASME SA-31) .....	.30
G31.1-1958 Carbon-Silicon Steel Plates of Intermediate Tensile Ranges for Fusion-Welded Boilers and Other Pressure Vessels, Specification for (ASTM A201-57T; ASME SA-201)...	.50
G32.1-1956 Chromium-Manganese-Silicon (CMS) Alloy-Steel Plates for Boilers and Other Pressure Vessels, Specification for (ASTM A202-56; ASME SA 202) .....	.50
G33.1-1956 Nickel-Steel Plates for Boilers and Other Pressure Vessels, Specification for (ASTM A203-56; ASME SA 203) .....	.50
G34.1-1958 Molybdenum-Steel Plates for Boilers and Other Pressure Vessels, Specification for (ASTM A204-57; ASME SA-204) .....	.50
G35.1-1958 High Tensile Strength Carbon-Silicon Steel Plates for Boilers and Other Pressure Vessels, Specifications for (ASTM A212-57T; ASME SA-212) .....	.50
G37.1-1958 Forged or Rolled Alloy-Steel Pipe Flanges, Forged Fittings, and Valves and Parts for High-Temperature Service, Specifications for (ASTM A182-57T; ASME SA-182) .....	.30
G38.1-1957 Carbon and Alloy Steel Nuts for Bolts for High-Pressure and High-Temperature Service, Specifications for (ASTM A194-56T; ASME SA-194) .....	.30
G39.1-1957 Structural Steel for Locomotives and Cars, Specification for (ASTM A113-56; ASME SA-113) .....	.50
G41.1-1956 Structural Silicon Steel, Specification for (ASTM A94-54) .....	.50
G42.1-1956 High-Strength Structural Rivet Steel, Specification for (ASTM A195-52T)50

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	Price
G43.1-1958 (Included with A50.1 and A50.2)	
G44.1-1942 Fabricated Steel Bar or Rod Mats for Concrete Reinforcement, Specifications for (ASTM A184-37)30
G45.1-1957 Welded Steel Wire Fabric for Concrete Reinforcement, Specifications for (ASTM A185-56T) .....	.30
G46.1-1958 Forged or Rolled Steel Pipe Flanges, Forged Fittings, and Valves and Parts for General Service, Specifications for (ASTM A181-57T; ASME SA-181) .....	.30
G48.1-1953 Malleable Iron Castings, Specifications for (ASTM A47-52; AASHO M106) .....	.30
G49.1-1948 Cupola Malleable Iron, Specifications for (ASTM A197-47) .....	.30
G50.1-1958 Mild- to Medium-Strength Carbon-Steel Castings for General Application, Specifications for (ASTM A27-57; AASHO M103) .....	.30
G52.1-1958 High-Strength Steel Castings for Structural Purposes, Specifications for (ASTM A-148-57) .....	.30
G53.1-1956 Electrodeposited Coatings of Zinc on Steel, Specifications for (ASTM A164-55) .....	.30
G53.2-1956 Electrodeposited Coatings of Cadmium on Steel, Specifications for (ASTM A165-55) .....	.30
G53.3-1956 Electrodeposited Coatings on Nickel and Chromium on Steel, Specifications for (ASTM A166-55T) .....	.30
G53.4-1956 Electrodeposited Coatings of Nickel and Chromium on Copper and Copper-Base Alloys, Specifications for (ASTM B141-55) .....	.30
G53.5-1956 Electrodeposited Coatings of Nickel and Chromium on Zinc and Zinc-Base Alloys, Specifications for (ASTM B142-55) .....	.30
G53.6-1956 Chromium Plating on Steel for Engineering Use, Recommended Practice for (ASTM B177-55) .....	.30
G53.7-1956 Preparation of Low-Carbon Steel for Electroplating, Recommended Practice for (ASTM B183-49) .....	.30
G53.8-1956 Electrodeposited Coatings of Lead on Steel, Specifications for (ASTM B200-55T) .....	.30
G53.9-1956 Chromate Finishes on Electrodeposited Zinc, Hot-Dipped Galvanized, and Zinc Die-Cast Surfaces, Specifications for (ASTM B201-55T) .....	.30
G53.10-1956 Preparation of High-Carbon Steel for Electroplating, Recommended Practice for (ASTM B242-54) .....	.30
G53.11-1956 Preparation of Zinc-Base Die Castings for Electroplating, Recommended Practice for (ASTM B252-53) .....	.30
G53.12-1956 Preparation of and Electroplating on Aluminum Alloys, Recommended Practice for (ASTM B253-53) .....	.30
G53.13-1956 Preparation of and Electroplating on Stainless Steel, Recommended Practice for (ASTM B254-53) .....	.30
G53.14-1956 Preparation of Copper and Copper-Base Alloys for Electroplating, Recommended Practice for (ASTM B281-53T) .....	.30

H — Nonferrous Materials and Metallurgy

H7.1-1956 Copper and Copper-Alloy Forging Rod, Bar, and Shapes, Specification for (ASTM B124-55)50
H8.1-1953 Free-Cutting Brass Rod, Bar, and Shapes for Use in Screw Machines, Specifications for (ASTM B16-52) .....	.50

	Price
H17.1-1942 Lake Copper Wire Bars, Cakes, Slabs, Billets, Ingots, and Ingot Bars, Specifications for (ASTM B4-42) .....	.30
H17.2-1943 Electrolytic Copper Wire Bars, Cakes, Slabs, Billets, Ingots, and Ingot Bars, Specifications for (ASTM B5-43; AASHO M110-45) .....	.30
H23.1-1956 Seamless Copper Water Tube, Specification for (ASTM B88-55) .....	.50
H24.1-1949 Slab Zinc (Spelter), Specifications for (ASTM B6-49; AASHO M120) .....	.30
H25.1-1943 Rolled Zinc, Specifications for (ASTM B69-39; AASHO M113-39) .....	.30
H26.1-1958 Seamless Copper Pipe, Standard Sizes, Specification for (ASTM B42-57) (ASME SB-42) .....	.50
H27.1-1958 Seamless Red Brass Pipe, Standard Sizes, Specification for (ASTM B43-57) (ASME SB-43) .....	.50
H28.1-1953 Bronze Castings in the Rough for Locomotive Wearing Parts, Specifications for (ASTM B66-52; AAR M-503) .....	.30
H29.1-1953 Car and Tender Journal Bearings, Lined, Specifications for (ASTM B67-52; AAR M-501) .....	.30
H30.1-1954 Copper-Silicon Alloy Wire for General Purposes, Specifications for (ASTM B-99 54) .....	.50
H31.1-1956 Rolled Copper-Alloy Bearing and Expansion Plates and Sheets for Bridge and Other Structural Uses, Specification for (ASTM B100-55) .....	.30
H32.1-1953 Brass Wire, Specifications for (ASTM B134-52) .....	.50
H33.1-1954 2nd ed. Leaded Red Brass (Hardware Bronze) Rod, Bar, and Shapes, Specifications for (ASTM B140-54) .....	.50
H34.1-1955 Nickel Seamless Pipe and Tubing, Specifications for (ASTM B161-49T) .....	.30
H34.2-1955 Nickel-Copper Alloy Seamless Pipe and Tubing, Specifications for (ASTM B165-49T) .....	.30
H34.3-1955 Nickel-Chromium-Iron Alloy Seamless Pipe and Tubing, Specifications for (ASTM B167-49T) .....	.30
H35.1-1957 Alloy Designation System for Wrought Aluminum .....	.25

J — Rubber

J1.1-1958 Sample Preparation for Physical Testing of Rubber Products, Methods of (ASTM D15-57T)30
J2.1-1953 Tension Testing of Vulcanized Rubber, Methods of (ASTM D412-51T) .....	.30
J3.1-1942 Adhesion of Vulcanized Rubber (Friction Test), Methods of Test for (ASTM D413-39) .....	.30
J4.1-1954 Accelerated Aging of Vulcanized Rubber by the Oxygen-Pressure Method, Method of Test for (ASTM D572-53) .....	.30
J5.1-1954 Accelerated Aging of Vulcanized Rubber by the Oven Method, Method of Test for (ASTM D573-53)30

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	Price		Price
● J6 — Specifications for Rubber Protective Equipment for Electrical Workers:			
J6.1-1950	Rubber Insulating Line Hose (ASTM D1050-49T)	K36.1-1947	Bone Black, Specifications for (ASTM D210-47)
J6.2-1950	Rubber Insulator Hoods (ASTM D1049-49T)	K37.1-1946	Chrome Oxide Green, Specifications for (ASTM D263-46)
J6.4-1950	Rubber Insulating Blankets (ASTM D1048-49T)	K41.1-1953	Specific Gravity of Pigments, Methods of Test for (ASTM D153-54)
J6.5-1950	Rubber Insulating Sleeves (ASTM D1051-49T)	R1954	
J6.6-1952	Rubber Insulating Gloves, Specifications for (ASTM D120-52T)	K42.1-1945	Coarse Particles in Pigments, Pastes, and Paints, Methods of Test for (ASTM D185-45)
J6.3-1945	†Leather Protective Gloves (American War Standard)	K44.1-1951	Yellow, Orange, Red, and Brown Pigments Containing Iron and Manganese, Methods of Chemical Analysis of (ASTM D50-50)
		K45.1-1956	Titanium Dioxide Pigments, Specifications for (ASTM D476-48)
		K47.1-1945	Basic Sulfate White Lead, Specifications for (ASTM D82-44)
K — Chemical Industry		K48-1941	Blue Lead; Basic Sulfate, Specifications for (ASTM D405-41)
K13.1-1950	†Identification of Gas-Mask Canisters, Safety Code for	K49.1-1954	Pure Para Red Toner, Light, Specifications for (ASTM D475-49)
K15.1-1957	Chemical Analysis of White Pigments, Methods of (ASTM D-34-56T)	K50.1-1949	Zinc Yellow (Zinc Chromate), Specifications for (ASTM D478-49)
K16.1-1944	Chemical Analysis of Dry Red Lead, Methods of (ASTM D49-44)	K52-1941	Bleeding of Pigments, Methods of Test for (ASTM D279-51)
K18.1-1948	Laboratory Sampling and Analysis of Coal and Coke, Methods of (ASTM D271-48)	K53-1941	Hydroscopic Moisture (and Other Matter Volatile Under the Test Conditions) in Pigments, Method of Test for (ASTM D280-33)
K20.1-1936	Cubic Foot Weight of Crushed Bituminous Coal, Method of Test for (ASTM D291-29)	K54-1941	Oil Absorption of Pigments, Method of Test for (ASTM D281-31)
K20.2-1936	Cubic Foot Weight of Coke, Method of Test for (ASTM D292-29)	K55.1-1954	Acetone Extract in Black Pigments, Method of Test for (ASTM D305-51)
K20.3-1951	Tumbler Test for Coke, Method of (ASTM D294-50)	K56.1-1958	Tinting Strength of White Pigments, Method of Test for (ASTM D332-57T)
K20.4-1948	Drop Shatter Test for Coke, Method of (ASTM D141-48)	K57-1953	Mass Color and Tinting Strength of Color Pigments, Method of Test for (ASTM D387-52T)
K20.5-1936	Volume of Cell Space of Lump Coke, Method of Test for (ASTM D167-24)	K58.1-1954	Chemical Analysis of Yellow, Orange, and Green Pigments Containing Lead Chromate, and Chromium Oxide Green, Methods for (ASTM D126-50T)
K21.1-1953	Toluene Insoluble Solid Matter in Rosin (Chiefly Sand, Chips, Dirt, and Bark), Method of Test for (ASTM D269-52)	K59.1-1958	Chemical Analysis of Dry Mercuric Oxide Pigment, Methods for (ASTM D284-57T)
K22.1-1944	Zinc Oxide, Specifications for (ASTM D79-44)		
K23.1-1943	Basic-Carbonate White Lead, Specifications for (ASTM D81-43)	● K60 — Soaps and Detergents:	
K24-1941	Red Lead, Specifications for (ASTM D83-41)	K60.1-1952	Chip Soap, Specifications for (ASTM D496-51)
K25-1941	Mineral Iron Oxide, Specifications for (ASTM D84-41)	K60.2-1953	Ordinary Laundry Bar Soap, Specifications for (ASTM D497-52)
K26.1-1947	Lampblack, Specifications for (ASTM D209-47)	K60.3-1952	Powdered Soap (Nonalkaline Soap Powder), Specifications for (ASTM D498-51)
K27.1-1947	Chrome Yellow and Chrome Orange, Specifications for (ASTM D211-47)	K60.4-1949	White Floating Toilet Soap, Specifications for (ASTM D499-48)
K28.1-1947	Reduced Chrome Green, Specifications for (ASTM D213-47)	K60.5-1949	Alkaline Soap Powder, Specifications for (ASTM D534-42)
K29.1-1947	Iron Blue, Specifications for (ASTM D261-47; AASHO M131)	K60.6-1956	Milled Toilet Soap, Specifications for (ASTM D455-55)
K32.1-1953	Spirits of Turpentine, Specifications for (ASTM D13-51)	K60.7-1949	Built Soap, Powdered, Specifications for (ASTM D533-44)
K33-1937	Sampling and Testing Turpentine, Methods of (ASTM D233-36)	K60.8-1949	Compound Chip Soap (with Rosin), Specifications for (ASTM D690-48)
K34.1-1956	Raw Linseed Oil, Specifications for (ASTM D234-55)	K60.9-1949	Compound Powdered Soap (Granulated, with Rosin), Specifications for (ASTM D691-44)
K35.1-1956	Boiled Linseed Oil, Specifications for (ASTM D260-55)		

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● K60 — Soaps and Detergents (Continued)

	Price
K60.10-1949 Caustic Soda, Specifications for (ASTM D456-39)30
K60.11-1956 Soda Ash, Specifications for (ASTM D458-55T) .....	.30
K60.12-1958 Trisodium Phosphate, Specifications for (ASTM D538-57T) .....	.30
K60.13-1949 Salt-Water Soap, Specifications for (ASTM D593-42) .....	.30
K60.14-1952 Liquid Toilet Soap, Specifications for (ASTM D799-51) .....	.30
K60.15-1949 Olive Oil Chip Soap (Type A, Straight; Type B, Blended), Specifications for (ASTM D630-42) .....	.30
K60.16-1953 Palm Oil Chip Soap (Type A, Straight; Type B, Blended), Specifications for (ASTM D536-52) .....	.30
K60.17-1949 Modified Soda (Sesquicarbonate Type), Specifications for (ASTM D457-39) .....	.30
K60.18-1956 Sodium Metasilicate, Specifications for (ASTM D537-55T) .....	.30
K60.19-1949 Sodium Sesquisilicate, Specifications for (ASTM D594-41) .....	.30
K60.20-1949 Tetrasodium Pyrophosphate (Anhydrous), Specifications for (ASTM D595-45) .....	.30
K60.21-1958 Sampling and Chemical Analysis of Alkaline Detergents, Methods of (ASTM D501-57) .....	.30

● K62 — Common Names for Pest Control Chemicals:

K62.1-1956 †Acceptance of an American Standard Common Name for a Pest Control Chemical, Procedure for the, with Addenda K62.1a-1958 .....	.75
K62.2-1957 †3-(<i>p</i> -chlorophenyl)-1, 1-dimethyl urea; monuron .....	.25
K62.3-1957 †3-(3,4-dichlorophenyl)-1,1-dimethyl urea; diuron .....	.25
K62.6-1957 †2-(2,4,5-trichlorophenoxy)ethyl 2,2-dichloropropionate; erbon .....	.25
K62.7-1958 †3-phenyl-1, 1-dimethylurea; fenuron .....	.25
K62.8-1957 †1- <i>n</i> -butyl-3-(3,4-dichlorophenyl)-1-methylurea; neburon .....	.25
K62.9-1957 †2,2-dichloropropionic acid; dalapon .....	.25
K62.10-1957 †2-(2,4,5-trichlorophenoxy propionic acid; silvex .....	.25
K62.11-1957 † <i>p</i> -chlorophenyl <i>p</i> -chlorobenzenesulfonate; ovex .....	.25
K62.12-1958 †0, 0, 0', 0'-tetraethyl S, S-methylene biphosphorodithioate; ethion .....	.25
K62.13-1958 †2-diphenylacetyl-1, 3-indandione; diphacnone, .....	.35
K62.14-1958 †0-2-chloro-4-nitrophenyl 0, 0-dimethyl phosphorothioate; dicapthon .....	.35
K62.15-1958 †2-chloro-2-diethylcarbamoyl-1-methylvinyl dimethyl phosphate; phosphamidon .....	.35
K62.16-1958 †0, 0-dimethyl S-(<i>N</i> -methylcarbamoylmethyl) phosphorodithioate; dimethoate .....	.35
K62.18-1958 †0, 0-dimethyl 0-(2, 4, 5-trichlorophenyl phosphorothioate; ronnel35
K62.19-1959 †3, 5-dinitro- <i>o</i> -toluamide; zoalene35

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● K62 — Common Names for Pest Control Chemicals: (Continued)

K62.20-1958 † <i>p</i> -chlorobenzyl <i>p</i> -chlorophenyl sulfide; chlorbenside25
K62.21-1959 † <i>n</i> -dodecylguanidine acetate; dodine .....	.35
K62.22-1959 †0, 0-diethyl S-(ethylthio) methyl phosphorodithioate; phorate .....	.35

L — Textile Industry

L1.1-1956	†Textile Safety Code .....	.75
L3.1-1941	Cotton Rubber-Lined Fire Hose for Public and Private Fire Department Use, Specifications for (ASTM D296-38) .....	.30
L4.1-1948	†Bleached Cotton Bed Sheets and Pillowcases, Specifications for .....	.25
L10-1936 R1945	Shrinkage in Laundering of Woven Cotton Cloth, Method of Test for (AATCC 14-52; ASTM D437-36) .....	.30
L11.1-1941	†Body Sizes for Boys' Garments .....	.35
● L12 — Definitions (Including Tolerances) for Filling Materials for Bedding and Upholstery:		
L12.1-1946	†Cotton .....	.50
L12.2-1946	†Wool	
L12.4-1946	†Miscellaneous	
●		
L13.1-1942	Tubular Sleeveing and Braids, Methods of Testing and Tolerances for (ASTM D354-41) .....	.30

● L14 — Textile Test Methods:

L14.1-1956 †Accelerated Ageing of Textiles Dyed with Sulfur Colors (AATCC 26-52) .....	.30
L14.2-1956 †Colorfastness of Textiles to Acids and to Alkalies (AATCC 6-52) .....	.30
L14.3-1956 †Colorfastness of Wool to Carbonizing (AATCC 11-52) .....	.30
L14.4-1956 †Colorfastness of Silk to Degumming (AATCC 7-52) .....	.30
L14.5-1956 †Colorfastness of Textiles to Fulling (Wool) (AATCC 2-52) .....	.30
L14.6-1956 †Colorfastness of Wool Textiles to Mill Washing and Scouring (Wool) (AATCC 1-52) .....	.30
L14.7-1956 †Colorfastness of Silk to Peroxide Bleaching (AATCC 13-52) .....	.30
L14.9-1956 †Colorfastness to Stoving (Wool) (AATCC 9-52)	Out of print
L14.11-1956 †Evaluation of Ordinary Wetting Agents (AATCC 17-52) .....	.60
L14.12-1957 Terms Relating to Textile Materials, Definitions of (ASTM D 123-55) .....	.60
L14.13-1956 Testing and Tolerances for Cotton Yarns, Methods of (ASTM D180-54T) .....	.30
L14.14-1957 Cotton Sewing Threads, Methods of Testing and Tolerances for (ASTM D204-56) .....	.30
L14.16-1949 Testing and Tolerances for Woven Tapes, Methods of (ASTM D259-44) .....	.30
L14.17-1949 Testing and Tolerances for Certain Light and Medium Weight Cotton Fabrics, Methods of (ASTM D274-36) .....	.30
L14.18-1953 Asbestos Yarns, Specifications and Methods of Test for (ASTM D299-52T) .....	.30

	Price
● L14 — Textile Test Methods (Continued)	
L14.19-1949 Determining Relative Humidity, Method of (ASTM D337-34) .....	.30
L14.20-1949 Holland Cloth, Methods of Test for (ASTM D376-35) .....	.30
L14.25-1949 Testing Pile Floor Covering, Methods of (ASTM D418-42) .....	.30
L14.26-1957 Fineness of Wool, Methods of Test for (ASTM D419-55T) .....	.30
L14.27-1949 Testing and Tolerances for Certain Carded Cotton Gray Goods, Methods of (ASTM D433-39) .....	.30
L14.28-1954 Testing and Tolerances for Certain Wool and Part Wool Fabrics, Methods for (ASTM D462-53) .....	.30
L14.29-1957 Fineness of Wool Tops, Specifications and Methods of Test for (ASTM D472-56) ..	.30
L14.32-1957 Fiber Length of Wool Tops, Method of Test for (ASTM D519-55T) .....	.30
L14.33-1949 Testing Rayon and Estron Staple, Methods of (ASTM D540-44) .....	.30
L14.34-1953 Testing and Tolerances for Single Jute Yarn, Methods of (ASTM D541-52) ....	.30
L14.35-1953 Testing Woven Asbestos Cloth, Methods of (ASTM D577-52) .....	.30
L14.36-1951 Testing and Tolerances for Glass Yarn, 2nd ed., Methods of (ASTM D578-50T) .....	.30
L14.37-1951 Testing and Tolerances for Woven Glass Fabrics, Methods of (ASTM D579-49) ..	.30
L14.38-1951 Testing and Tolerances for Woven Glass Tapes, Methods of (ASTM D580-49) ....	.30
L14.39-1951 Testing and Tolerances for Woven Glass Tubular Sleeveing and Braids, Methods of (ASTM D581-49) .....	.30
L14.40-1956 Wool Content of Raw Wool, Laboratory Scale, Methods of Test for (ASTM D584-54T) .....	.30
L14.41-1953 Testing Asbestos Tubular Sleeveing, Methods of (ASTM D628-52) .....	.30
L14.42-1949 Testing and Tolerances for Certain Fine Staple Cotton Gray Goods, Methods of (ASTM D679-44) .....	.30
L14.43-1949 Testing and Tolerances for Certain All-Cotton and Cotton and Rayon Fine Fancy Goods, Methods of (ASTM D680-44) .....	.30
L14.44-1953 Testing and Tolerances for Jute Rove and Plied Yarn for Electrical and Packing Purposes, Methods of (ASTM D681-52) ..	.30
L14.45-1953 Testing and Tolerances for Rope made from Bast and Leaf Fibers, Methods of (ASTM D738-52) .....	.30
L14.46-1953 Testing and Tolerances for Spun, Twisted, or Braided Products Made from Flax, Hemp, Ramie, or Mixtures Thereof, Methods of (ASTM D739-52) .....	.30
L14.47-1949 Compatibility of Glass Yarn with Insulating Varnish, Method of Test for (ASTM D886-46T) .....	.30
L14.48-1953 Designation of Linear Density of Fibers, Yarns, and Other Textile Materials in Universal Units, Practice for (ASTM D861-52) .....	.30
L14.49-1949 Test for Small Amounts of Copper and Manganese in Textiles, Method of (ASTM D377-52T) .....	.30

	Price
● L14 — Textile Test Methods (Continued)	
L14.50-1949 Cotton Goods for Rubber and Pyroxylin Coating, Specifications and Methods of Test for (ASTM D334-40) .....	.30
L14.51-1949 Air Permeability of Textile Fabrics, Methods of Test for (ASTM D737-46) .....	.30
L14.52-1955 Testing Felt, Methods of (ASTM D461-53) .....	.30
L14.53-1951 †Colorfastness to Light (AATCC 16-45) .....	.30
<i>Out of print</i>	
L14.54-1951 †Colorfastness of Acetate Rayons to Atmospheric Fumes (AATCC 23-46) .....	.30
<i>Out of print</i>	
L14.55-1951 †Resistance of Textiles to Mildew and Rot, and Evaluation of Textile Fungicides (AATCC 30-46) .....	.30
<i>Out of print</i>	
L14.56-1956 †Colorfastness to Perspiration (AATCC 15-52) .....	.30
L14.57-1956 †Colorfastness to Chlorine Bleaching (Cotton) (AATCC 3-52) .....	.30
<i>Out of print</i>	
L14.58-1956 †Colorfastness to Peroxide Bleaching (Cotton) (AATCC 29-52) .....	.30
L14.59-1956 Resistance to Water Penetration (Hydrostatic Pressure Test) (Contained in ASTM D583-54; AATCC 18-52) (Including L14.60, L14.61, L14.74, L14.78 and L14.87) ..	.50
L14.60-1956 Resistance to Wetting (Spray Test) (Contained in ASTM D583-54; AATCC 22-52) Included with L14.59-1956 .....	.30
L14.61-1956 Resistance to Wetting (Static Immersion Absorption Test) (Contained in ASTM D583-54; AATCC 21-52) Included with L14.59-1956 .....	.30
L14.63-1956 †Colorfastness to Pleating (AATCC 31-52) .....	.30
L14.64-1951 †Resistance of Textile Fabrics and Yarns to Insect Pests (AATCC 24-49) .....	.30
<i>Out of print</i>	
L14.65-1951 †Evaluation of Insect Pest Deterrents on Textiles (AATCC 28-49) .....	.30
<i>Out of print</i>	
L14.66-1954 Textile Testing Machines, Specifications for (ASTM D76-53) .....	.30
L14.67-1951 Testing and Tolerances for Knit Goods, Methods of (ASTM D231-46) .....	.30
L14.68-1951 Testing Woven Textile Fabrics, General Methods of (ASTM D39-49) .....	.30
L14.69-1952 †Flammability of Clothing Textiles, Test Method for (AATCC 33-52; ASTM D1230-52T) .....	.50
L14.70-1956 †Colorfastness to Mill Washing (Silk) (AATCC 4-52) .....	.30
L14.71-1956 †Colorfastness to Dry and Wet Heat (AATCC 5-52) .....	.30
L14.72-1956 †Colorfastness to Rubbing (Crocking) (AATCC 8-52) .....	.30
L14.73-1956 †Detection of Phototropism (AATCC 32-52) .....	.30
L14.74-1956 Resistance to Water Penetration (Rain Test) (Contained in ASTM D583-54; AATCC 35-52) Included with L14.59-1956 ..	.30
L14.75-1956 †Evaluation of Textiles for Wettability (AATCC 39-52) .....	.30
L14.76-1956 †Dimensional Changes in Textile Fabrics (Other than Cotton and Linen) (AATCC 40-52) .....	.30
L14.77-1956 †Dimensional Changes in Textile Fabrics (Wool: Accelerated Test) (AATCC 41-52) ..	.30

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Price

Price

●L14 — Textile Test Methods (Continued)

L14.78-1956	Resistance to Water Penetration (Impact Penetration Test) (Contained in ASTM D583-54; AATCC 42-52) Included with L14.59-1956	
L14.79-1956	†Evaluation of Penetrants for Mercerization (AATCC 43-52) .....	.30
L14.80-1956	Colorfastness to Mercerizing (AATCC 51-52)	<i>Out of print</i>
L14.81-1956	†Accelerated Washfastness Tests No. 2A, 3A, and 4A (Cotton) (AATCC 61-54) .....	.30
L14.82-1956	†Evaluation of the Resistance of Wool Oils to Oxidation in Storage (AATCC 62-52) .....	.30
L14.83-1956	†Colorfastness to Water (AATCC 63-52) .....	.30
L14.84-1956	†Evaluation of Continuous Scouring of Raw Grease Wool (AATCC 64-52) .....	.60
L14.85-1956	Evaluation of the Snag Resistance of Hosiery (AATCC 65-54; ASTM D1115-54T) .....	.30
L14.86-1956	†Damage Caused by Retained Chlorine (AATCC 69-52) .....	.30
L14.87-1956	Resistance to Wetting (Dynamic Immersion Absorption Test) (Contained in ASTM D583-54; AATCC 70-52) Included with L14.59-1956	
L14.88-1956	Wool Hose: Accelerated Shrinkage Test (AATCC 73-53) .....	.30
L14.89-1956	Relaxation and Felting Shrinkage in Laundering of Stabilized Knit Wool Fabrics, Methods of Test for (ASTM D1284-53T; AATCC 74-53) .....	.30
L14.90-1957	Testing Spun and Filament Yarns Made Wholly or in Part of Man-Made Organic Base Fibers, Method of (ASTM D1380-56T) .....	.50
L14.91-1957	Length and Length Distribution of Cotton Fibers by the Array Method, Method of Test for (ASTM D1440-55) .....	.30
L14.92-1957	Sampling Cotton Fibers for Testing, (ASTM D1441-54) .....	.30
L14.93-1957	Fiber Weight per Unit Length and Maturity of Cotton Fibers (Array Method) Method of Test for (ASTM D1442-54) .....	.30
L14.94-1957	Maturity of Cotton Fibers (Random Sample-Sodium Hydroxide Swelling Method) Method of Test for (ASTM D1443-56) .....	.30
L14.95-1957	Cross-Sectional Characteristics of Cotton Fibers, (ASTM D1444-56) .....	.30
L14.96-1957	Strength of Cotton Fibers (Flat Bundle Method) (ASTM D1445-57) .....	.30
L14.97-1957	Number of Neps in Cotton Fibers, (ASTM D1446-53T) .....	.30
L14.98-1957	Length of Cotton Fibers by Fibrograph (ASTM D1447-54T) .....	.30
L14.99-1957	Fineness of Cotton Fibers by Micronaire (ASTM D1448-56) .....	.30
L14.100-1957	Determining the Specific Area and Immaturity Ratio of Cotton Fibers (Arealometer Method) (ASTM D1449-55T) .....	.30
L14.101-1957	Maturity of Cotton Fibers (Polarized-Light-Method) (ASTM D1450-57) .....	.30
L14.102-1957	Resistance to Yarn Slippage in Silk, Rayon, and Acetate Woven Fabrics, Method of Test for (ASTM D434-42) .....	.30
L14.103-1957	Yarn Distortion in Woven Fabrics, Method of Test for (ASTM D1336-54T) .....	.30

●L17 — Specifications for Women's Industrial Clothing (American War Standards):

L17.1-1944	†Bungalow, Aprons, and Wrap-around and Coat Style Dresses .....	.50
L17.2-1944	†Slacks, Dungarees, Overalls, and Coveralls .....	.50
L17.3-1944	†Jackets, Shirts, and Aprons .....	.50
L17.4-1944	†Regular and Princess Model Coat Style Dresses .....	.35

●L18 — Specifications for Protective Occupational (Safety) Clothing (American War Standards):

L18.1-1944	†Leather Aprons	
L18.2-1944	†Cape-Sleeves and Bibs	
L18.3-1944	†Knee-Length Leggings	
L18.4-1944	†Leather Coats	
L18.5-1944	†Leather Overalls	
L18.6-1944	†Leather Sleeves	
L18.7-1944	†Welders' Leather Gauntlet Gloves	
L18.8-1944	†Protective Leather Gloves, Steel-Stapled	
L18.9-1944	†Asbestos Gloves	
L18.10-1944	†Asbestos Gloves, Leather Reinforced	
L18.11-1944	†Asbestos Mittens	
L18.12-1944	†Asbestos Mittens, Leather Reinforced	
L18.14-1944	†Asbestos Aprons (Bib Type)	
L18.15-1944	†Asbestos Cape Sleeves and Bibs	
L18.16-1944	†Asbestos Leggings (Knee and Hip Length)	
L18.17-1944	†Asbestos Coats	
L18.18-1945	†Leather One-Finger Mittens	
L18.19-1945	†Leather Mittens	
L18.20-1945	†Asbestos One-Finger Mittens	
L18.21-1945	†Flame-Resistant Fabric Aprons (Bib Type)	
L18.22-1945	†Flame-Resistant Fabric Leggings (Knee and Hip Length)	
L18.23-1945	†Flame-Resistant Fabric Coats	
L18.24-1945	†Flame-Resistant Fabric Pants	
L18.25-1945	†Flame-Resistant Fabric Coveralls	
L18.26-1945	†Flame-Resistant Fabric Spats	
L18.27-1945	†Leather Spats	
L18.28-1945	†Asbestos Spats	
L18.29-1945	†Chemical-Resistant Gloves .....	.35

Out of print

●L22 — Rayon and Acetate Fabrics, Minimum Requirements:

(Complete Set, Bound, \$4.25)

L22.1.1- through L22.1.24-1952	Part I, Women's and Girls' Rayon and Acetate Wearing-Apparel Fabrics	1.00
	(Part I and Test Methods, \$3.00)	
L22.2.1- through L22.2.16-1952	Part II, Men's and Boys' Rayon and Acetate Wearing-Apparel Fabrics .....	.80
	(Part II and Test Methods, \$2.80)	
L22.3.1- through L22.3.11-1952	Part III, Rayon and Acetate Home-Furnishings Fabrics .....	.65
	(Part III and Test Methods, \$2.65)	
	Part IV, Test Methods used in conjunction with L22 Standards	2.25

ALL PRICES ARE SUBJECT TO CHANGE WITHOUT NOTICE

	Price
● L24 — Institutional Textiles, Minimum Performance Requirements for: (Complete Set, Bound \$6.25)	
L24.1.1- through L24.1.7-1955	
Part I, Institutional Furnishings . . . . .	.65
L24.2.1- through L24.2.11-1955	
Part II, Utility Textiles . . . . .	.90
(including L4.1-1948)	
L24.3.1- through L24.3.7-1955	
Part III, Uniforms . . . . .	.90
(including L22.1.4-, L22.1.6-, and L22.2.7-1952)	
L24.4.1- through L24.4.11-1955	
Part IV, Work Clothes . . . . .	.90
L24.5.1-1955 Permanent Labels, Detachable Tags and Certification of Fabrics or Products . . . . .	.25
Part V, Test Methods	2.75

M — Mining

M2.1-1951	Installing and Using Electrical Equipment in Coal Mines, Safety Rules for (BMTP 402) . . . . .	.25
M5-1932	Screen Testing of Ores (Hand Method), Methods for . . . . .	.25
M6.1-1955	Drainage of Coal Mines, Recommended Practice for, (Bureau of Mines Bulletin 570) . . . . .	.20
M7.3-1958	Rail Haulage Roads in Coal Mines, Construction and Maintenance of . . . . .	.75
M11-1927	Wire Rope for Mines	<i>Out of print</i>
M12.1-1946 R1958	†Construction and Maintenance of Ladders and Stairs for Mines . . . . .	.50
M13-1925 R1942	†Rock-Dusting Coal Mines to Prevent Coal Dust Explosions . . . . .	.25
M20.1-1938	Classification of Coals by Rank, Specifications for (ASTM D388-38) . . . . .	.30
M20.2-1937	Classification of Coals by Grade, Specifications for (ASTM D389-37) . . . . .	.30
M20.3-1944	Designating the Size of Coal from Its Screen Analysis, Method for (ASTM D431-44) . . . . .	.30
M20.4-1939	Commercial Varieties of Bituminous and Subbituminous Coals, Definitions for (ASTM D493-39) . . . . .	.30
M24-1932	†Installing and Using Electrical Equipment in Metal Mines, Safety Rules for, <i>Out of print</i>	
M28.1-1955	†Safety Procedures for Quarries	1.50
M30.1-1957	Roof Bolting Materials in Coal Mines, Specifications for . . . . .	.50

MH — Materials Handling

● MH2 — Specifications for Metal Drums and Pails:

MH2.1-1958	†55-Gallon Tight Head Universal Drum (ICC-17E)	}	1.00
MH2.2-1958	†55-Gallon Full Open Head Universal Drum		
MH2.3-1958	†55-Gallon Tight Head Universal Drum (ICC-5B)		
MH2.4-1958	†55-Gallon Tight Head Universal Drum (ICC-17C)		
MH2.5-1958	†55-Gallon Full Open Head Universal Drum (ICC-17H)		
MH2.6-1958	†30-Gallon Tight Head Universal Drum (ICC-17E)		

*Price of MH2.1 through MH2.10 is \$1.00

● MH2 — Specifications for Metal Drums and Pails (Continued)

MH2.7-1958	†16-Gallon Tight Head Universal Drum . . .	} 1.00
MH2.8-1958	†16-Gallon Full Open Head Lug Cover Universal Drum	
MH2.9-1958	†5-Gallon Tight Head Universal Drum (ICC-17E)	
MH2.10-1958	†5-Gallon Lug Cover Universal Pail	
●		
MH4.1-1958	Conveyor Terms and Definitions (CEMA 102) (Revision of B75.1-1956)	1.50

N — Nuclear

N1.1-1957	Nuclear Science and Technology, Glossary of Terms in	5.00
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O — Wood Industry

O1.1-1954	†Woodworking Machinery, Safety Code for	1.00
O4.1-1958	Testing Small Clear Specimens of Timber, Methods of (ASTM D143-52)60
O4.2-1927 R1958	Static Tests of Timbers in Structural Sizes, Methods of (ASTM D198-27) (Reaffirmation of O4b-1927) . . . . .	.30
O4.3-1958	Establishing Structural Grades of Lumber, Methods for (ASTM D245-57T) . . . . .	.60
O4.4-1958	Static Tests of Wood Poles, Methods of (ASTM D1036-55T) . . . . .	.50
O4.5-1958	Terms Relating to Timber, Definitions of (ASTM D9-30) . . . . .	.30
O4.6-1958	Domestic Hardwoods and Softwoods, Nomenclature of (ASTM D1165-52) . . . . .	.30
O5.1-1948	†Wood Poles, Specifications and Dimensions for . . . . .	.75
O6.1-1958	Round Timber Piles, Specifications for (ASTM D25-55) . . . . .	.30
O7.1-1958	Testing Veneer, Plywood and Other Glued Veneer Constructions, Methods of (ASTM D805-52) . . . . .	.50
O7.2-1958	Terms Relating to Veneer and Plywood, Definitions of (ASTM D1038-52) . . . . .	.30
O8.1-1958	Test for Evaluating the Properties of Building Fiberboards, Methods of (ASTM D1037-56T) . . . . .	.50
O9.1-1958	Wooden Paving Blocks for Exposed Pavements, Specifications for (ASTM D52-20) . . . . .	.30
O10.1-1958	Cresosoted End-Grain Wood Block Flooring for Interior Use, Specifications for (ASTM D1031-55) . . . . .	.30
O12.1-1958	Modified Wood, Specifications for (ASTM D1324-57T) . . . . .	.30

P — Pulp and Paper Industry

P1.1-1956	†Paper and Pulp Mills, Safety Code for	1.00
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PH — Photography and Motion Pictures

● PH1 — Characteristics of Photographic Films, Plates, and Papers:

(20% discount will be allowed on the purchase of complete PH1 Series) (Binder \$2.00)

PH1.1-1953	†Designation for Thickness of Photographic Paper (Revision of Z38.1.44-1944)25
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Price

● Photographic Films, Plates, and Papers (Continued)

PH1.2-1952	†5¼- x 2½-Inch Aerial Film Spools, Dimensions for (Revision of Z38.1.32-1945)	25
PH1.3-1952	†5½- x 2¾-Inch Aerial Film Spools, Dimensions for (Revision of Z38.1.33-1945)	25
PH1.4-1952	†7- x 1½-Inch Aerial Film Spools, Dimensions for (Revision of Z38.1.34-1945) ...	25
PH1.5-1952	†7- x 2¾-Inch Aerial Film Spools, Dimensions for (Revision of Z38.1.36-1945) ...	25
PH1.6-1952	†7- x 4¾-Inch Aerial Film Spools, Dimensions for (Revision of Z38.1.37-1945) ...	25
PH1.7-1952	†9½- x 4-Inch Aerial Film Spools, Dimensions for (Revision of Z38.1.38-1945) ...	25
PH1.8-1952	†9½- x 5¾-Inch Aerial Film Spools, Dimensions for (Revision of Z38.1.39-1945)	25
PH1.9-1952	†9½- x 6¾-Inch Aerial Film Spools, Dimensions for (Revision of Z38.1.40-1945) ...	25
PH1.10-1952	†Roll Film and Unsensitized Leaders and Trailers for Aerial Photography, Dimensions for (Revision of Z38.1.41-1944) ...	25
PH1.11-1958	†Photographic Roll Paper, Dimensions for	35
PH1.12-1953	†Photographic Paper Sheets, Dimensions for (Revision of Z38.1.43-1947 and Partial Revision of Z38.1.6-1943)	25
PH1.13-1953	†Dimensions for Molded-Type Cores for Photographic Film and Paper Rolls (Revision of Z38.1.48-1947)	25
PH1.14-1953	†35-Millimeter Film Magazines for Still Picture Cameras, Dimensions for (Revision of Z38.1.47-1946)	25
PH1.15-1953	†Industrial X-ray Sheet Film (Inch Sizes), Dimensions for (Revision of Z38.1.25-1947)	25
PH1.16-1953	†Graphic Arts Sheet Film (Inch Sizes), Dimensions for (Revision of Z38.1.26-1947)	25
PH1.17-1956	†Medical X-ray Sheet Film (Inch and Centimeter Sizes), Dimensions for	25
PH1.18-1956	†Professional Portrait and Commercial Sheet Film (Inch and Centimeter Sizes), Dimensions for (Revision of PH1.18-1953 and Z38.1.29-1949)	25
PH1.19-1944 R1958	†Emulsion Side of Photographic Sheet Films, Designation of	25
PH1.20-1956	†70-Millimeter Unperforated and Perforated Film for Cameras other than Motion Picture Cameras (Revision of Z38.1.3-1948)	25
PH1.21-1956	†Amateur Roll Film, Backing Paper, and Film Spools (Revision of Z38.1.7-1950) ..	1.50
PH1.23-1956	†Photographic Dry Plates, (Inch and Centimeter Sizes) Dimensions for (Revision of Z38.1.30-1951 and Z38.1.31-1944)	25
PH1.24-1955	†35-Millimeter Slide Film Projection Rolls (Revision of Z38.3.3-1946)	25
PH1.25-1956	†Safety Photographic Film, Specifications for (Revision of Z38.3.1-1943)	50
PH1.26-1956	†Film Packs, Dimensions for (Revision of Z38.1.1-1951)	25
PH1.27-1956	†Spooling Photographic Film for Recording Instruments, Requirements for	25
PH1.28-1957	†Photographic Films for Permanent Records, Specifications for (Revision of Z38.3.2-1945)	50

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● Photographic Films, Plates, and Papers (Continued)

PH1.29-1958	†Curvature of Photographic Film, Methods for Determining the80
PH1.30-1958	†Film in Rolls for Recording Instruments, Graphic Arts, Photo Typesetting, Portrait, X-ray, and Related Use, Dimensions for .....	.35
PH1.31-1958	†Brittleness of Photographic Film, Method for Determining the .....	.80
These Z38 numbers will be changed to PH1 as the standards are revised or reaffirmed.		
Z38.1.49-1951	†35-Millimeter Magazine Film (for Miniature Cameras), Dimensions for	25
Z38.1.52-1951	†16-Millimeter 100-Foot Film Spool for Recording Instruments and Still Picture Cameras, Dimensions for	25
Z38.1.53-1951	†16-Millimeter 200-Foot Film Spool for Recording Instruments and Still Picture Cameras, Dimensions for	25
Z38.1.54-1951	†35-Millimeter 100-Foot Film Spool for Recording Instruments and Still Picture Cameras, Dimensions for	25
Z38.1.55-1951	†70-Millimeter 100-Foot Film Spool for Recording Instruments and Still Picture Cameras, Dimensions for	25

●PH2 — Photographic Sensitometry

(20% discount will be allowed on the purchase of complete PH2 series) (Binder \$2.00)

	Price
PH2.1-1952 †Spectral Diffuse Densities of Three-Component Subtractive Color Films .....	.35
PH2.2-1953 †Sensitometry and Grading of Photographic Papers .....	.50
PH2.3-1956 †Activity or the Relative Photographic Effectiveness of Illuminants, Method for Determining the .....	.50
PH2.4-1953 †Exposure Guide Numbers for Photographic Lamps, Method for Determining .....	.50
PH2.5-1954 †Photographic Speed and Exposure Index, Method for Determining .....	.50
PH2.6-1954 †Spectral-Sensitivity Indexes and Group Numbers for Photographic Emulsions, Methods of Determining .....	.75
PH2.7-1955 †Photographic Exposure Computer (Special quantity discounts apply)	1.50
PH2.8-1956 †Sensitometry of Industrial X-ray Films for Energies up to 2 Million Electron Volts, Method for the	1.00
PH2.9-1956 †Sensitometry of Medical X-ray Films, Method for the	1.00
PH2.10-1956 †Evaluating Films for Monitoring X-rays and Gamma Rays Having Energies up to 2 Million Electron Volts, Method for ....	.75
PH2.11-1958 †Sensitometric Exposure of Daylight-Type Color Films .....	.50
PH2.12-1957 †General-Purpose Photographic Exposure Meters (Revision of Z38.2.6-1948) .....	.75
PH2.13-1958 †Testing Photographic Flash Lamps, Method for (Revision of Z52.43-1944) .....	.35
PH2.14-1958 †Special-Purpose Photographic Exposure Indexes for Short and for Long Exposure Times .....	.80
PH2.17-1958 †Diffuse Reflection Density .....	.80
PH2.19-1959 †Diffuse Transmission Density (Revision of Z38.2.5-1946)	☆

The number of the following standard will be changed to PH2 when it is revised or reaffirmed.

Z38.8.13-1950 †Safety Time of Photographic Dark-room Illumination, Procedure for Determining the25
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●PH3 — Photographic Apparatus:

(20% discount will be allowed on the purchase of complete PH3 series) (Binder \$2.00)

PH3.1-1952 †Back Window Location for Roll Film Cameras .....	.25
PH3.2-1952 †Performance Characteristics of Focal-Plane Shutters Used in Still Picture Cameras, Method for Determining .....	.35
PH3.3-1952 †Exposure-Time Markings for Focal-Plane Shutters Used in Still Picture Cameras ..	.25
PH3.4-1952 †Performance Characteristics of Between-the-Lens Shutters Used in Still Picture Cameras, Method for Determining ....	.35
PH3.5-1952 †Exposure-Time Markings for Between-the-Lens Shutters Used in Still Picture Cameras .....	.25

●Photographic Apparatus (Continued)

PH3.6-1952 †Tripod Connections for American Cameras, 1/4-Inch-20 Thread (Revision of Z38.4.1-1942) .....	.25
PH3.7-1952 †Tripod Connections for Heavy-Duty or European Cameras, 3/8-Inch-16 Thread with Adapter for 1/4-Inch-20 Tripod Screws ..	.25
PH3.8-1953 †Contact Printers, Specifications for .....	.25
PH3.9-1953 †Masks (Separate) for Use in Photographic Contact Printing of Roll Film Negatives, Specifications for .....	.25
PH3.10-1954 †Threads for Attaching Mounted Lenses to Photographic Equipment .....	.25
PH3.11-1953 †Stereo Still Pictures on 35-Millimeter Film (5-Perforation Format) Dimensions for .....	.25
PH3.12-1953 †Attachment Threads for Lens Accessories, Specifications for .....	.25
PH3.13-1958 †Focal Length Marking of Lenses (Revision of Z38.4.4-1942) .....	.25
PH3.14-1958 †Front Lens Mounts for Cameras, Dimensions of .....	.35
PH3.15-1944 †Printing Frames, Specifications for .....	.25
PH3.16-1947 †Resolving Power of Lenses for Projectors for 35-mm Slidefilm and 2 x 2-Inch Slides, Method for Determining .....	.25
PH3.17-1958 †Photographic Filter Sizes, Specification for .....	.35
PH3.18-1957 †Internal Synchronization of Front Shutters, Classifying and Testing the .....	.35
PH3.19-1948 †Radiographic Intensifying Screens, Dimensions for .....	.25
PH3.20-1955 †Focusing Camera Lenses, Distance Scales for (Revision of Z38.4.3-1947 and Z38.4.13-1948) .....	.25
PH3.21-1957 †Medical X-ray Film Cassettes (Inch and Centimeter Sizes) Dimensions for .....	.25
PH3.22-1958 †Distribution of Illuminance Over the Field of a Photographic Objective or Projection Lens .....	.75
PH3.23-1950 †Shutter Cable Release Tip and Socket with Taper (European) Thread (Reaffirmation of Z38.4.5-1950) .....	.25
PH3.24-1950 †Shutter Cable Release Tip and Socket with Straight (American) Thread (Reaffirmation of Z38.4.6-1950) .....	.25
PH3.25-1948 †Parts of a Photographic Objective Lens, Nomenclature for (Reaffirmation of Z38.4.19-1948) .....	.25
PH3.26-1951 †Photographic Double Film Holders of the Lock Rib Type, Dimensions for (Reaffirmation of Z38.1.51-1951) .....	.25
PH3.27-1949 †Lantern Slide Projectors, Specifications for (Reaffirmation of Z38.7.14-1949) .....	.25
PH3.28-1945 †Slidefilm Projectors, Specifications for (Reaffirmation of Z38.7.15-1945) .....	.25
PH3.29-1958 †Apertures and Related Quantities Pertaining to Photographic Lenses, Methods of Designating and Measuring (Revision of Z38.4.20-1948) .....	.35
PH3.30-1958 †Camera Accessory Shoes, Dimensions for ..	.35
PH3.31-1958 †Photographic Enlargers, Methods for Testing (Revision of Z38.7.6-1950)50

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● Photographic Apparatus (Continued)

These Z38 numbers will be changed to PH3 as the standards are revised or reaffirmed.

Z38.4.8-1950	†Roll Film Cameras, Picture Sizes for . . . . .	.25
Z38.4.21-1948	†Focal Lengths and Focal Distances of Photographic Lenses, Methods of Designating and Measuring . . . . .	.35
Z38.4.26-1951	†Flash Synchronizing Equipment, Bipost-Type, Connecting Cord Ends and Pins . . . . .	.25
Z38.4.27-1951	†Flash Synchronizing Equipment, Bayonet-Type, Connecting Cord Ends and Pins . . . . .	.25
Z38.7.4-1944 R1948	†Projectors for Opaque Materials for Use in Small Auditoriums, Specifications for . . . . .	.25
Z38.7.5-1948	†Printing and Projection Equipment, Methods of Testing . . . . .	.25
Z38.7.19-1950	†Lantern Slides, Dimensions for . . . . .	.25

● PH4 — Photographic Processing:

(20% discount will be allowed on the purchase of complete PH4 series) (Binder \$2.00)

PH4.2-1952	†Sheet Film Processing Tanks, Specifications for . . . . .	.25
PH4.3-1952	†Photographic Trays, Specifications for . . . . .	.25
PH4.4-1952	†Channel-Type Photographic Hangers, Plates and Sheet Film, Specifications for . . . . .	.25
PH4.5-1953	†Temperature for Photographic Processing Solutions . . . . .	.25
PH4.6-1953	†Converting Weights and Measures for Photographic Use, Method for . . . . .	.35
PH4.7-1958	†Photographic Thermometers . . . . .	.25
PH4.8-1958	†Determining the Thiosulfate Content of Processed Black-and-White Photographic Film and Plates, Method for . . . . .	.80
PH4.9-1956	†Photographic Graduates (Revision of Z38.8.12-1948) . . . . .	.25
PH4.10-1953	†Photographic Grade Blotters, Requirements for . . . . .	.25
PH4.11-1956	†Method for Determining the Melting Point of a Non-support Layer of Films, Plates, and Papers in Distilled Water (Revision of Z38.8.20-1948) . . . . .	.50
PH4.12-1954	†Stability of the Images of Processed Black-and-White Films, Plates, and Papers, Methods for Indicating the . . . . .	.50
PH4.13-1954	†Chemical Resistivity and Photographic Inertness of Constructional Materials for Processing Equipment, Method and Criteria for Determining the . . . . .	.50
PH4.14-1956	†Definition of a Fine Grain Developer . . . . .	.50
PH4.15-1945 R1954	†Bite of Film Clip, Dimensions for . . . . .	.25
PH4.16-1957	†Chromium-Plated Surfaces for Ferrotyping, Specifications for (Revision of Z38.8.18-1948) . . . . .	.25
PH4.17-1958	†Radiographic Film Processing Tanks, Internal Dimensions for, (Revision of Z38.8.7-1946) . . . . .	.35
PH4.18-1956	†X-ray Sheet Film Hangers (Clip-Type) (Revision of Z38.8.23-1949) . . . . .	.25
PH4.19-1956	†Deep Tanks for Manual Processing of Amateur Roll Film, Internal Dimensions for (Revision of Z38.8.8-1946) . . . . .	.25
PH4.20-1958	†Photographic Filing Enclosures for Storing Processed Photographic Films, Plates, and Papers (Revision of Z38.8.21-1950)	☆

Price

● Photographic Processing (Continued)

PH4.21-1958	†Photographic Grade Dry Mounting Tissue, Specification for . . . . .	.35
PH4.22-1956	†Channel-type Multiple Photographic Hangers (Plates and Sheet Film) . . . . .	.25
PH4.25-1958	†Photographic Laboratory Spring-Driven Timers, Specification for . . . . .	.25

These Z38 numbers will be changed to PH4 as the standards are revised or reaffirmed.

Z38.8.3-1947	†Photographic Processing Manipulation of Films and Plates, Practice for . . . . .	.50
Z38.8.6-1949	†Photographic Processing Manipulation of Paper, Practice for . . . . .	.50
Z38.8.9-1946	†Scales, Graduates, and Thermometers for Use in Photography, Accuracy of . . . . .	.25
Z38.8.14-1950	†Photographic Wetting Agents, Requirements for . . . . .	.25
Z38.8.25-1950	†Residual Thiosulfate and Tetrathionate in Processed Photographic Papers, Method for Determining . . . . .	.35

Price

● Specifications for Photographic Grade Chemicals:

Acids

PH4.100-1958	†Acetic Acid, Glacial (Revision of Z38.8.100-1949) . . . . .	.25
PH4.101-1958	†Sulfuric Acid (Revision of Z38.8.101-1949) . . . . .	.35
PH4.102-1958	†Citric Acid, Monohydrate (Revision of Z38.8.102-1949) . . . . .	.35
PH4.103-1958	†Boric Acid, Crystalline (Revision of Z38.8.103-1949) . . . . .	.35
PH4.104-1958	†Hydrochloric Acid (Revision of Z38.8.104-1949) . . . . .	.35
PH4.105-1952	†Sodium Acid Sulfate, Fused . . . . .	.25
PH4.106-1958	†Acetic Acid, 28-Percent Solution (Revision of Z38.8.106-1949) . . . . .	.25
PH4.107-1954	†Citric Acid, Anhydrous . . . . .	.25

Developing Agents

PH4.125-1956	†Mono-Methyl-Para-Aminophenol Sulfate, (Revision of Z38.8.125-1948) . . . . .	.35
PH4.126-1955	†Hydroquinone (Revision of Z38.8.126-1949) . . . . .	.35
PH4.127-1956	†2,4-Diaminophenol Hydrochloride, (Revision of Z38.8.127-1948) . . . . .	.35
PH4.128-1956	†Para-Hydroxyphenylglycine, (Revision of Z38.8.128-1949) . . . . .	.35
PH4.129-1956	†Para-Aminophenol Hydrochloride, (Revision of Z38.8.129-1948) . . . . .	.35
PH4.130-1956	†Pyrogallol Acid, (Revision of Z38.8.130-1948) . . . . .	.25
PH4.131-1958	†Catechol (Ortho-dihydroxybenzene, Pyrocatechin, Pyrocatechol) (Revision of Z38.8.131-1948) . . . . .	.35
PH4.132-1956	†Para-Phenylenediamine, (Revision of Z38.8.132-1948) . . . . .	.35
PH4.133-1956	†Para-Phenylenediamine, Dihydrochloride, (Revision of Z38.8.133-1948) . . . . .	.35
PH4.134-1956	†Chlorohydroquinone, (Revision of Z38.8.134-1948)35
PH4.135-1954	†Mono-Benzyl-Para-Aminophenol Hydrochloride25

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● Photographic Grade Chemicals (Continued)

	Price
Hardeners	
PH4.150-1958 †Aluminum Potassium Sulfate (Revision of Z38.8.150-1949)35
PH4.151-1958 †Chromium Potassium Sulfate (Revision of Z38.8.151-1949) .....	.35
PH4.152-1958 †Formaldehyde, 37-Percent Solution (Formalin) (Revision of Z38.8.152-1949) .....	.35
Z38.8.153-1949 †Paraformaldehyde .....	.25
Bleaching Agents	
PH4.300-1958 †Potassium Dichromate (Potassium Bichromate) (Revision of Z38.8.177-1949) .....	.25
PH4.301-1958 †Potassium Permanganate (Revision of Z38.8.178-1949) .....	.25
PH4.302-1958 †Potassium Ferricyanide (Revision of Z38.8.179-1949) .....	.25
PH4.303-1958 †Potassium Persulfate (Revision of Z38.8.181-1949) .....	.35
Miscellaneous	
PH4.175-1958 †Sodium Sulphate, Anhydrous (Revision of Z38.8.175-1949) .....	.35
PH4.176-1958 †Sodium Acetate, Anhydrous (Revision of Z38.8.176-1949) .....	.25
PH4.177-1956 †Sodium Thiocyanate .....	.25
PH4.178-1954 †Isopropylamine, 50-Percent Aqueous Solution (Monoisopropylamine) .....	.25
PH4.179-1956 †Sodium Citrate .....	.25
PH4.180-1958 †Copper Sulfate (Cupric Sulfate) (Revision of Z38.8.180-1949) .....	.25
PH4.181-1954 Benzyl Alcohol .....	.25
PH4.183-1953 †Ammonium Chloride .....	.25
PH4.184-1953 †Ammonium Sulfate .....	.25
Restrainers and Antifoggants	
PH4.200-1955 †Potassium Bromide (Revision of Z38.8.200-1949) .....	.25
PH4.201-1957 †Potassium Iodide (Revision of Z38.8.201-1948) .....	.25
PH4.202-1956 †Potassium Chloride (Revision of Z38.8.202-1948) .....	.25
PH4.203-1956 †Sodium Chloride (Revision of Z38.8.203-1948) .....	.25
PH4.204-1955 †Benzotriazole (1,2,3-Benzotriazole) (Revision of Z38.8.204-1948) .....	.25
PH4.205-1956 †5-Methylbenzotriazole (Revision of Z38.8.205-1948) .....	.25
PH4.206-1956 †6-Nitrobenzimidazole Nitrate (Revision of Z38.8.206-1948) .....	.25
PH4.207-1954 †Sodium Bromide .....	.25
Alkalies	
PH4.225-1956 †Sodium Hydroxide (Revision of Z38.8.225-1948) .....	.25
PH4.226-1956 †Potassium Hydroxide (Revision of Z38.8.226-1948) .....	.25
PH4.227-1954 †Sodium Carbonate, Monohydrate .....	.25
PH4.228-1954 †Sodium Carbonate, Anhydrous .....	.25
PH4.229-1956 †Potassium Carbonate (Revision of Z38.8.229-1948) .....	.25
PH4.230-1954 †Sodium Tetraborate, Decahydrate (Borax) .....	.25
PH4.231-1954 †Sodium Metaborate, Octahydrate .....	.25

● Photographic Grade Chemicals (Continued)

	Price
PH4.232-1956 †Ammonium Hydroxide (Revision of Z38.8.232-1948) .....	.25
PH4.233-1954 †Sodium Tetraborate Pentahydrate (Borax-5 Mole) .....	.25
Fixing Agents	
PH4.250-1953 †Sodium Thiosulfate, Anhydrous .....	.25
PH4.251-1953 †Sodium Thiosulfate, Crystalline .....	.25
PH4.252-1953 †Ammonium Thiosulfate, 60 Percent Solution .....	.25
PH4.253-1953 †Ammonium Thiosulfate .....	.25
Sulfites	
PH4.275-1952 †Sodium Sulfite .....	.25
PH4.276-1958 †Sodium Bisulfite, Anhydrous (Sodium metabisulfite) (Revision of Z38.8.276-1949) .....	.35
PH4.277-1957 †Potassium Metabisulfite (Revision of Z38.8.277-1948) .....	.25

● PH5 — Photographic Reproduction of Documents:

PH5.2-1957 †Paper Sheets for Photo-Reproduction of Documents, Dimensions for .....	.25
PH5.3-1958 †16mm and 35mm Microfilms on Reels or in Strips, Specifications for (Revision of Z38.7.8-1947)	☆
PH5.4-1957 †Storage of Microfilm, Practice for .....	.50
Z38.7.9-1946 †Microfilm Readers, Specifications for ...	.25
Z38.7.17-1946 †Processed Microfilm, Reels for .....	.25

● PH22 — Motion Pictures:

(20% discount will be allowed on the purchase of complete PH22 series) (Special Binder \$5.00)

PH22.1-1953 †35mm Motion-Picture Film, Alternate Standards for Either Positive or Negative Raw Stock, Dimensions for ....	.25
PH22.2-1954 †35mm Sound Motion-Picture Film Usage in Camera .....	.25
PH22.3-1954 †35mm Sound Motion-Picture Film Usage in Projector .....	.25
PH22.5-1953 †16-Millimeter Film, Perforated Two Edges, Dimensions for .....	.25
PH22.8-1957 †16mm Motion-Picture Film, Projected Image Area of (Revision of Z22.8.1950) ..	.25
PH22.9-1956 †16mm Film Perforated Along Two Edges, Usage in Camera (Revision of Z22.9-1946) .....	.25
PH22.10-1956 †16mm Film Perforated Along Two Edges, Usage in Projector (Revision of Z22.10-1947) .....	.25
PH22.11-1953 †16-Millimeter Motion-Picture Projection Reels .....	.35
PH22.12-1953 †16-Millimeter Film, Perforated One Edge, Dimensions for .....	.25
PH22.15-1955 †16mm Film Perforated One Edge, Usage in Camera (Revision of Z22.15-1946)...	.25
PH22.16-1955 †16mm Film Perforated One Edge, Usage in Projector (Revision of Z22.16-1947) ..	.25
PH22.17-1954 †Dimensions for 8mm Motion-Picture Film .....	.25
PH22.20-1957 †8mm Motion-Picture Film, Projected Image Area of (Revision of Z22.20-1950) ..	.25

ALL PRICES ARE SUBJECT TO CHANGE WITHOUT NOTICE

●PH22 — Motion Pictures (Continued)

	Price
PH22.21-1953 †8-Millimeter Motion-Picture Film, Usage in Camera .....	.25
PH22.22-1953 †8mm Motion-Picture Film, Usage in Projector .....	.25
PH22.23-1958 †8mm Motion-Picture Projection Reels (Revision of Z22.23-1941) .....	.25
PH22.24-1952 †Splices for 16-Millimeter Motion-Picture Films for Projection .....	.25
PH22.27-1947 †Transmission Density of Motion-Picture Films, Method of Determining... <i>Out of print</i>	
PH22.28-1958 †Focal Lengths and Markings of 35mm Motion-Picture Projection Lenses (Revision of Z22.28-1946) .....	.25
PH22.31-1958 †Motion-Picture Safety Film (Revision of Z22.31-1946) (Including PH1.25-1956) ..	.75
PH22.34-1956 †35mm Motion-Picture Film, BH-1870, Dimensions for (Revision of Z22.34-1949) ..	.25
PH22.35-1957 †16-Tooth 35mm Motion-Picture Projector Sprockets (Revision of Z22.35-1947) ...	.25
PH22.36-1954 †Dimensions for 35mm Motion-Picture Positive Raw Stock .....	.25
PH22.37-1944 †Raw Stock Cores for 35-Millimeter Motion-Picture Film .....	.25
PH22.38-1952 †Raw Stock Cores for 16-Millimeter Motion-Picture Film .....	.25
PH22.39-1953 †Screen Brightness for 35mm Motion-Pictures .....	.25
PH22.40-1957 †Photographic Sound Record on 35mm Prints (Revision of Z22.40-1950) .....	.25
PH22.41-1957 †Photographic Sound Record on 16mm Prints (Revision of Z22.41-1946) .....	.25
PH22.42-1955 †16mm Sound-Focusing Test Film (Revision of Z22.42-1946) .....	.25
PH22.43-1953 †16mm 3000-Cycle Flutter Test Film ....	.25
PH22.44-1953 †16mm Multifrequency Test Film .....	.25
PH22.45-1955 †16mm 400-Cycle Signal-Level Test Film (Revision of Z22.45-1946) .....	.25
PH22.46-1946 †16-Millimeter Positive Aperture Dimensions and Image Size for Positive Prints Made from 35-Millimeter Negatives ..	.25
PH22.47-1946 †Negative Aperture Dimensions and Image Size for 16-Millimeter Duplicate Negatives Made from 35-Millimeter Positive Prints .....	.25
PH22.48-1956 †Picture Printer Aperture for Contact Printing 16mm Positive from 16mm Negative (Revision of Z22.48-1946) ....	.25
PH22.49-1946 †Printer Aperture Dimensions for Contact Printing 16-Millimeter Reversal and Color Reversal Duplicate Prints .....	.25
PH22.50-1946 †Reel Spindles for 16-Millimeter Motion-Picture Projectors .....	.25
PH22.52-1954 †Cross-Modulation Tests, 16mm Variable-Area Photographic Sound .....	.25
PH22.53-1953 †Method of Determining Resolving Power of 16mm Motion-Picture Projector Lenses .....	.25
PH22.57-1955 †16mm Buzz-Track Test Film (Revision of Z22.57-1947) .....	.25
PH22.58-1954 †Aperture for 35mm Sound Motion-Picture Projectors .....	.25
PH22.59-1954 †Aperture for 35mm Sound Motion-Picture Cameras .....	.25

●PH22 — Motion Pictures (Continued)

	Price
PH22.60-1948 †Theatre Sound Test Film for 35-Millimeter Motion-Picture Sound Reproducing Systems .....	.25
PH22.61-1949 †Sound Focusing Test Film for 35-Millimeter Motion-Picture Sound Reproducers (Reaffirmation of Z22.61-1949) ...	.25
PH22.62-1948 †Sound Focusing Test Film for 35-Millimeter Motion-Picture Sound Reproducers (Laboratory Type) .....	.25
PH22.65-1948 †Scanning-Beam Uniformity Test Film for 35-Millimeter Motion-Picture Sound Reproducers (Service Type) .....	.25
PH22.66-1948 †Scanning-Beam Uniformity Test Film for 35-Millimeter Motion-Picture Sound Reproducers (Laboratory Type) .....	.25
PH22.67-1948 †1000-Cycle Balancing Test Film for 35-Millimeter Motion-Picture Sound Reproducers .....	.25
PH22.68-1949 †Buzz-Track Test Film for 35-Millimeter Motion-Picture Sound Reproducers (Reaffirmation of Z22.68-1949) .....	.25
PH22.69-1948 †Sound Records and Scanning Area of Double Width Push-Pull Sound Prints (Normal Centerline Type) .....	.25
PH22.70-1948 †Sound Records and Scanning Area of Double Width Push-Pull Sound Prints (Offset Centerline Type) .....	.25
PH22.71-1957 †32mm Motion-Picture Film, 2R-3000, Dimensions for (Revision of Z22.71-1950) ..	.25
PH22.72-1957 †32mm Motion-Picture Film, 4R-3000, Dimensions for (Revision of Z22.72-1950) ..	.25
PH22.73-1958 †35mm Motion-Picture Film, Perforated 32mm, 2R-2994, Dimensions for .....	.25
PH22.74-1951 †Zero Point for Focusing Scales on 16-Millimeter and 8-Millimeter Motion-Picture Cameras .....	.25
PH22.75-1953 †A and B Windings of 16-Millimeter Film Perforated One Edge .....	.25
PH22.76-1951 †Mounting Threads and Flange Focal Distances for Lenses on 16-Millimeter and 8-Millimeter Motion-Picture Cameras .....	.25
PH22.77-1952 †Splices for 8-Millimeter Motion-Picture Films .....	.25
PH22.79-1950 †16-Millimeter Sound Projector Test Film (Reaffirmation of Z22.79-1950) .....	.25
PH22.82-1951 †Sound Transmission of Perforated Projection Screens .....	.25
PH22.83-1952 †Edge-Numbering 16-Millimeter Motion-Picture Film .....	.25
PH22.84-1953 †Projection Lamps, Medium Prefocus Ring Double-Contact Base-Up Type for 16mm and 8mm Motion-Picture Projectors, Dimensions for .....	.25
PH22.85-1953 †Projection Lamps, Medium Prefocus Base-Down Type for 16mm and 8mm Motion-Picture Projectors, Dimensions for ..	.25
PH22.86-1953 †Dimensions for 200-Mil Magnetic Sound Tracks on 35mm and 17½mm Motion-Picture Film .....	.25
PH22.87-1958 †100-Mil Magnetic Coating on 16mm Film, Perforated One Edge .....	.25
PH22.88-1956 †Magnetic Coating of 8mm Motion-Picture Film .....	.25

ALL PRICES ARE SUBJECT TO CHANGE WITHOUT NOTICE

● PH22 — Motion Pictures (Continued)

	Price
PH22.89-1958 †Scene-Change Cueing for Printing 16mm Motion-Picture Film .....	.25
PH22.90-1953 †Motion Picture Lenses, Aperture Calibration of .....	.50
PH22.91-1955 †16mm Motion Picture Projector for Use with Monochrome Television Film Chains Operating on Full-Storage Basis .....	.35
PH22.92-1953 †Enlargement Ratio for 16mm to 35mm Optical Printing .....	.25
PH22.93-1953 †Dimensions for 35mm Motion-Picture Short-Pitch Negative Film .....	.25
PH22.94-1954 †Slides and Opaques for Television Film Camera Chains (Supplement to Z38.7.19-1950) .....	.50
PH22.95-1954 †Television Picture Area—35mm Motion-Picture Film .....	.25
PH22.96-1954 †Television Picture Area—16mm Motion-Picture Film .....	.25
PH22.97-1956 †200-Mil Magnetic Sound Record on 16mm Film Base Perforated One Edge .....	.25
PH22.98-1955 †35-Millimeter Magnetic Flutter Test Film, 3 Track .....	.25
PH22.99-1955 †35-Millimeter Magnetic Azimuth Alignment Test Film .....	.25
PH22.100-1955 †Screen Brightness of 16-Millimeter Laboratory Review Rooms .....	.25
PH22.101-1956 †Magnetic Coating of 16mm Film Perforated Along Both Edges .....	.25
PH22.102-1956 †35mm Motion-Picture Film, CS-1870, Dimensions for .....	.25
PH22.103-1957 †35mm Anamorphic Prints with Magnetic Sound Records, Usage in Projector... ..	.25
PH22.104-1957 †Projector Aperture for 35mm, Anamorphic, 2.55:1 Prints with Squeeze Ratio of 2:1 .....	.25
PH22.106-1957 †Projector Aperture for 35mm Anamorphic, 2.35:1 Prints with Squeeze Ratio of 2:1 .....	.25
PH22.108-1958 †Four Magnetic Sound Records on 35mm Film .....	.25
PH22.109-1958 †16mm Motion-Picture Film, 1R-2994, Dimensions for .....	.25
PH22.110-1958 †16mm Motion-Picture Film, 2R-2994, Dimensions for .....	.25
PH22.111-1958 †Picture and Sound Apertures for Continuous Contact Printers for 35mm Release Prints with Photographic Sound Records .....	.25
PH22.112-1958 †Picture—Sound Separation in 16mm Magnetic Sound Projectors .....	.25
PH22.113-1958 †16mm Flutter Test Film, Magnetic Type, .....	.35
These Z22 numbers will be changed to PH22 as the standards are revised or reaffirmed.	
Z22.4-1941 †35mm Film; Projector Reels .....	.25
Z22.7-1950 †Picture Aperture of 16-Millimeter Motion-Picture Cameras, Location and Size of ..	.35
Z22.19-1950 †Picture Aperture of 8-Millimeter Motion Picture Cameras, Location and Size of ..	.25
Z22.51-1946 †Intermodulation Tests on Variable Density 16-Millimeter Sound Motion Picture Prints, Method of Making .....	.25

● Motion Pictures (Continued)

	Price
Z22.55-1947 †35-Millimeter Sound Motion Picture Release Prints in Standard 2000-Foot Lengths, Specifications for .....	.25
Z22.56-1947 †Nomenclature for Motion Picture Film Used in Studios and Processing Laboratories .....	.50
(19)½ x 281½-inch reproduction of chart on pages 8 and 9 sold separately. . . . .	.30¢
Z22.80-1950 †Scanning-Beam Uniformity Test Film for 16-Millimeter Motion Picture Sound Reproducible (Laboratory Type) .....	.25
Z22.81-1950 †Scanning-Beam Uniformity Test Film for 16-Millimeter Motion Picture Sound Reproducible (Service Type) .....	.25

X — Office Equipment and Supplies

X2.1.1-1951 †Desks and Tables for General Office Use, Dimensions of .....	.25
X2.1.2-1952 †Installation of Telephone Equipment on Desks, Provisions for .....	.25
X2.1.3-1954 †Reflectances of Furniture for General Office Use .....	.25
X2.1.4-1954 †Posture Chair, Definition of .....	.25
X2.2.1-1955 Basic Sheet Sizes and Standard Stock Sizes for Bond Papers and Index Bristols ..	.25
X2.4.1-1951 †Index Cards and Record-Keeping Cards, Size Designation for .....	.25
X2.4.2-1954 †Non-Carbonized, Single-Ply, Adding Machine Paper Rolls, Specifications for, . . .	.25
X2.4.3-1956 Ring, Memo, and Post Binder Sheet Sizes and Ring and Post Data .....	.25
X2.5.16-1954 †Operating Voltage Range of Office Dictating Machines .....	.25
X2.5.17-1954 †Maximum Electrical Leakage of Dictating Machines .....	.25
X2.5.18-1954 †Template and Method of Attaching Dictating Machine Secretarial Hand Controls to Typewriters .....	.25
X2.5.19-1954 †Cable for Office Dictation Machines, Length of .....	.25

Y — Drawings, Symbols, and Abbreviations (Formerly Z)

Y is the new letter assigned to standards for abbreviations, charts and graphs, drawings, graphical symbols, and letter symbols. Standards previously approved are lettered "Z."

● Y1 — Abbreviations:

The following standards will be numbered Y1 when they are revised.

Z10.1-1941 Abbreviations for Scientific and Engineering Terms	1.00
Z32.13-1950 †Abbreviations for Use on Drawings	1.25

● Y10 — Letter Symbols: (see also B6.5 and Z7.1)

Y10.2-1958 Letter Symbols for Hydraulics (Revision of Z10.2-1942)	1.00
Y10.4-1957 Letter Symbols for Heat and Thermodynamics (Revision of Z10.4-1943)	1.50

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Price

●Y10 — Letter Symbols (Continued)

Y10.7-1954	Letter Symbols for Aeronautical Sciences..	2.00
Y10.9-1953	Letter Symbols for Radio	1.00
Y10.10-1953	Meteorology, Letter Symbols for	1.00
Y10.11-1953	Letter Symbols for Acoustics	1.00
Y10.12-1955	Letter Symbols for Chemical Engineering..	1.50
Y10.15-1958	Letter Symbols for Petroleum Reservoir Engineering and Electric Logging	1.50

The following numbers will be changed to Y10 as the standards are revised.

Z10f-1928	Mathematical Symbols .....	.40
Z10.3-1948 R1953	Letter Symbols for Mechanics of Solid Bodies	1.00
Z10.5-1949	Letter Symbols for Electrical Quantities	<i>Out of print</i>
Z10.6-1948	Letter Symbols for Physics	2.00
Z10.8-1949	Letter Symbols for Structural Analysis	1.00

●Y14 — American Standard Drafting Manual

(Sections preceded by an asterisk are partial revisions of Z14.1-1946)

Y14.1-1957	*Size and Format (Section 1)	1.00
Y14.2-1957	*Line Conventions, Sectioning and Lettering (Section 2)	1.50
Y14.3-1957	*Projections (Section 3)	1.50
Y14.4-1957	Pictorial Drawing (Section 4)	1.50
Y14.5-1957	*Dimensioning and Notes (Section 5)	2.00
Y14.6-1957	*Screw Threads (Section 6)	1.50
Y14.7-1958	*Gears, Splines and Serrations (Section 7)..	1.50
Y14.9-1958	Forging (Section 9)	1.50
Y14.11-1958	Plastics (Section 11)	1.50

●Y15 — Charts and Graphs:

Y15.1-1959	Illustrations for Publication and Projection ☆	
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The following number will be changed to Y15 when the standard is revised.

Z15.2-1938 R1947	Time-Series Charts, Manual of Design and Construction	3.00
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●Y32 — Graphical Symbols:

Y32.2-1954	†Graphical Symbols for Electrical Diagrams	1.25
Y32.4-1955	Graphical Symbols for Plumbing (Revision of Z32.2.2-1949)	1.00
Y32.7-1957	Graphical Symbols for Use on Maps and Profiles (Revision of Z32.2.5-1950)	1.50
Y32.9-1943	Architectural Plans, Graphical Electrical Symbols for	<i>Out of print</i>

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Price

●Y32 — Graphical Symbols (Continued)

Y32.10-1958	Graphical Symbols for Fluid Power Diagrams	1.50
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As the following standards are revised they will be assigned Y32 numbers.

Z10g5-1933	Graphical Symbols Used for Electric Traction including Railway Signaling (AIEE 17g5-1934)	<i>Out of print</i>
Z32.2.1-1949 R1953	Welding, Graphical Symbols for	3.00
Z32.2.3-1949 R1953	Pipe Fittings, Valves, and Piping, Graphical Symbols for	1.00
Z32.2.4-1949 R1953	Heating, Ventilating, and Air Conditioning, Graphical Symbols for	1.50
Z32.2.6-1950 R1956	Heat-Power Apparatus, Graphical Symbols for	1.00

Z — Miscellaneous

Z1.1-1958	†Guide for Quality Control	2.25
Z1.2-1958	†Control Chart Method of Analyzing Data..	
Z1.3-1958	†Control Chart Method of Controlling Quality During Production	2.50
Z2-1938	Protection of Heads, Eyes, and Respiratory Organs, Safety Code for (NBS Handbook H24)	<i>Out of print</i>

Z2 Report — The Spectral-Transmissive Properties of Plastics for Use in Eye Protection.. \$1.50

48-page 8½ x 11 inch, 106 charts, 4 tables, heavy paper cover. This report was prepared by a subcommittee on Transmissive Properties of Plastics, and contains ultraviolet, luminous and infrared spectral transmissive properties and other characteristic data on many of the presently available types of plastics suitable for use in protecting the eyes in industrial and certain other operations. Much of this spectral transmissive data is new and is being presented in this report for the first time.

Z4.1-1955	†Sanitation in Places of Employment, Minimum Requirements for	50
Z4.2-1942	†Drinking Fountains, Specifications for	25
Z4.3-1935	Sanitary Privy (Supplement No. 108 to the Public Health Report).....	<i>Out of print</i>
Z7.1-1942	Illuminating Engineering Nomenclature and Photometric Standards	<i>Out of print</i>
Z8-1941	†Laundry Machinery and Operations, Safety Code for	35
Z9	†Fundamentals Relating to the Design and Operation of Exhaust Systems (Report published for comment).....	<i>Out of print</i>
Z9.1-1951	†Ventilation and Safe Operation of Open-Surface Tanks	75
Z10	— See Y1, Y10, and Y32 series in the foregoing and on page 34	

Price

●Z11 — Petroleum Products:

(Special price of series, \$32.00)

Z11.2-1956	Saybolt Viscosimeter, Method of Test for (ASTM D88-56; AASHO T72) .....	.30
Z11.3-1952	Cone Penetration of Lubricating Grease, Test for (ASTM D217-52T) .....	.30
Z11.4-1957	Melting Point of Paraffin Wax, Method of Test for (ASTM D87-57) .....	.30
Z11.5-1957	Cloud and Pour Points, Method of Test for (ASTM D97-57) .....	.30
Z11.6-1957	Flash and Fire Points by Cleveland Open Cup, Method of Test for (ASTM D92-57) (AASHO T-48) .....	.30
Z11.7-1958	Flash Point by Pensky-Martens Closed Tester, Method of Test for (ASTM D93-58) .....	.30
Z11.9-1956	Water in Petroleum Products and Other Bituminous Materials, Method of Test for (ASTM D95-56T; AASHO T55) .....	.30
Z11.10-1956	Distillation of Gasoline, Naphtha, Kerosine, and Similar Petroleum Products, Method of Test for (ASTM D86-56; AASHO T115) .....	.30
Z11.11-1955	Distillation of Natural Gasoline, Method of Test for (ASTM D216-54) .....	.30
Z11.13-1952	Sulphur in Petroleum Products by the Bomb Method, Method of Test for (ASTM D129-52) .....	.30
Z11.14-1957	Heat of Combustion of Liquid Hydrocarbon Fuels by Bomb Calorimeter (ASTM D240-57T) .....	.30
Z11.16-1948	Analysis of Grease, Methods of (ASTM D128-47; API 501-47) .....	.30
Z11.17-1949	Burning Quality of Kerosine, Method of Test for (ASTM D187-49) .....	.30
Z11.18-1930 R1947	Burning Quality of Mineral Seal Oil, Method of Test for (ASTM D239-30; API 504-30) .....	.30
Z11.19-1936 R1947	Burning Quality of Long-Time Burning Oil for Railway Use, Method of Test for (ASTM D219-36; API 503-36) .....	.30
Z11.20-1956	Saponification Number of Petroleum Products by Color-Indicator Titration, Method of Test for (ASTM D94-56T) .....	.30
Z11.21-1956	Copper Corrosion by Petroleum Products (Copper Strip Test), Method of Test for (ASTM D130-56) .....	.30
Z11.22-1949	Melting Point of Petrolatum and Microcrystalline Wax, Method of Test for (ASTM D127-49) .....	.30
Z11.23-1932 R1953	Autogenous Ignition Temperatures of Petroleum Products, Method of Test for (ASTM D286-30; API 522-30) .....	.30
Z11.24-1956	Flash Point by Tag Closed Tester, Method of Test for (ASTM D56-56) .....	.30
Z11.25-1958	Carbon Residue of Petroleum Products (Conradson Carbon Residue), Method of Test for (ASTM D189-58) .....	.30
Z11.26-1955	Distillation of Gas Oil and Similar Distillate Fuel Oils, Method of Test for (ASTM D158-54) .....	.30
Z11.28-1957	Terms Relating to Petroleum, Definitions of (ASTM D288-57) .....	.30
Z11.29-1935 R1953	Dilution of Crankcase Oils, Method of Test for (ASTM D322-35; API 524-35) .....	.30

Price

●Z11 — Petroleum Products (Continued)

Z11.30-1952	Precipitation Number of Lubricating Oils, Method of Test for (ASTM D91-52) ....	.30
Z11.31-1955 2nd ed.	API Gravity of Petroleum and Its Products (Hydrometer Method), Method of Test for (ASTM D287-55) .....	.30
Z11.32-1955	Distillation of Crude Petroleum, Method of Test for (ASTM D285-54T) .....	.30
Z11.33-1935	Sampling Petroleum and Petroleum Products, Methods of (ASTM D270-33; API 528-33) .....	.50
Z11.35-1953	Color of Refined Petroleum Oil by Means of Saybolt Chromometer, Method of Test for (ASTM D156-53T) .....	.30
Z11.36-1958	Test for Existent Gum in Fuels, Method of (ASTM D381-58T) .....	.30
Z11.37-1958	Knock Characteristics of Motor Fuels by the Motor Method, Method of Test for (ASTM D357-58) .....	.30
Z11.39-1943 R1947	Viscosity-Temperature Charts for Liquid Petroleum Products (ASTM D341-43; API 533-43) (Charts A, B, C, D, and E) ..	1.25
Z11.41-1952	Unsulphonated Residue of Plant Spray Oils, Method of Test for (ASTM D483-52T) ..	.30
Z11.42-1952	Stoddard Solvent, Specifications for (ASTM D484-52) .....	.30
Z11.43-1957	Distillation of Plant Spray Oils, Method of Test for (ASTM D447-57T) .....	.30
Z11.44-1958	Vapor Pressure of Petroleum Products (Reid Method), Method of Test for (ASTM D323-58) .....	.30
Z11.45-1953	Calculating Viscosity Index, Method for (ASTM D567-53; API 540-53) .....	.30
Z11.46-1953	Conversion of Kinematic Viscosity to Saybolt Universal Viscosity, Method for (ASTM D446-53; API 534-53) .....	.30
Z11.47-1958	Carbon Residue of Petroleum Products (Ramsbottom Coking Method), Method of Test for (ASTM D524-58T) .....	.30
Z11.48-1953 R1956	Tetraethyl Lead in Gasoline, Method of Test for (ASTM D526-53T) .....	.30
Z11.49-1945 R1949	Carbonizable Substance in White Mineral Oil (Liquid Petrolatum), Method of Test for (ASTM D565-45; API 545-45) .....	.30
Z11.50-1945 R1949	Carbonizable Substances in Paraffin Wax, Method of Test for (ASTM D612-45; API 544-45) .....	.30
Z11.51-1943 R1958	Dropping Point of Lubricating Grease, Method of Test for (ASTM D566-42; API 543-42) .....	.30
Z11.52-1956	Oil Content of Petroleum Waxes, Method of Test for (ASTM D721-56T) .....	.30
Z11.53-1957	Conversion of Kinematic Viscosity to Saybolt Furol Viscosity, Method for (ASTM D666-57) .....	.30
Z11.54-1947	Ash Content of Petroleum Oils, Method of Test for (ASTM D482-46; API 549-46) ..	.30
Z11.56-1949	Chemical Analysis for Metals in Lubricating Oils, Methods of (ASTM D811-48) ..	.30
Z11.57-1949	Sulfated Residue, Lead, Iron, and Copper in New and Used Lubricating Oils, Methods of Test for (ASTM D810-48) ..	.30
Z11.58-1949	Sediment in Fuel Oil by Extraction, Method of Test for (ASTM D473-48) .....	.30

ALL PRICES ARE SUBJECT TO CHANGE WITHOUT NOTICE

	Price
●Z11 — Petroleum Products (Continued)	
Z11.59-1958 Neutralization Value (Acid and Base Numbers) by Potentiometric Titration, Method of Test for (ASTM D664-58) .....	.30
Z11.60-1957 Oxidation Stability of Aviation Fuels (Potential Residue Method), Method of Test for (ASTM D873-57T) .....	.30
Z11.61-1949 Congealing Point of Pharmaceutical Petrolatums, Method of Test for (ASTM D938-49) .....	.30
Z11.62-1955 Density and Specific Gravity of Hydrocarbon Liquids by the Lipkin Bicapillary Pycnometer, Test for (ASTM D941-55), ..	.30
Z11.63-1955 Oxygen Stability of Gasoline (Induction Period Method), Method of Test for (ASTM D525-55) .....	.30
Z11.64-1950 Interfacial Tension of Oil Against Water by the Ring Method, Test for (ASTM D971-50) .....	.30
Z11.65-1950 Oxidation Stability of Lubricating Greases by the Oxygen Bomb Method, Test for (ASTM D942-50) .....	.30
Z11.66-1950 Determination of Butadiene Content of Polymerization Grade Butadiene (ASTM D973-50) .....	.30
Z11.67-1955 Saponification Number of Petroleum Products by Potentiometric Titration, Test for (ASTM D939-54) .....	.30
Z11.68-1957 Sulfated Residue from New Lubricating Oils, Method of Test for (ASTM D874-57T) .....	.30
Z11.69-1958 Knock Characteristics of Motor Fuels by the Research Method, Method of Test for (ASTM D908-58) .....	.30
Z11.70-1951 Benzene and Toluene by Ultraviolet Spectrophotometry, Test for (ASTM D1017-51) .....	.30
Z11.71-1958 Olefinic Plus Aromatic Hydrocarbons in Petroleum Distillates, Method of Test for (ASTM D1019-58T) .....	.30
Z11.72-1958 Apparent Viscosity of Lubricating Greases, Method of Test for (ASTM D1092-58T), ..	.30
Z11.73-1951 Sodium in Lubricating Oils and Lubricating Oil Additives, Test for (ASTM D1026-51) .....	.30
Z11.74-1952 Acetylene in Polymerization Grade Butadiene by Silver Nitrate Method, Test for (ASTM D1020-52) .....	.30
Z11.75-1952 Separation of Residue from Butadiene, Test for (ASTM D1023-52) .....	.30
Z11.76-1952 Nonvolatile Residue of Polymerization Grade Butadiene, Test for (ASTM D1025-52) .....	.30
Z11.77-1952 Acidity of Residue from Distillation of Gasoline and of Petroleum Solvents, Test for (ASTM D1093-52) .....	.30
Z11.78-1958 Foaming Characteristics of Crankcase Oils, Test for (ASTM D892-58T) .....	.30
Z11.79-1953 Butadiene Dimer in Polymerization Grade Butadiene, Method of Test for (ASTM D1024-53) .....	.30
Z11.80-1953 Boiling Point Range of Polymerization Grade Butadiene, Method of Test for (ASTM D1088-53) .....	.30

*Not included in specially priced series of Petroleum Products Standards or complete set of American Standards.

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	Price
●Z11 — Petroleum Products (Continued)	
Z11.81-1953 Carbonyl Content of Butadiene, Test for (ASTM D1089-53)30
Z11.82-1957 Water Tolerance of Aviation Fuels, Method of Test for (ASTM D1094-57) .....	.30
Z11.83-1956 Petroleum Measurement Tables (ASTM D1250-56) (IP 200/52)	
American Edition	8.75
*British Edition	7.00
*Metric Edition	7.70
Standard (Single sheet listing of Tables contained in the above three editions) ..	.30
Z11.84-1955 Specific Gravity of Petroleum and Its Products (Hydrometer Method), Method of Test for (ASTM D1298-55) .....	.30
Z11.85-1955 Test for Dust-Preventing Characteristics of Steam-Turbine Oil in the Presence of Water (ASTM D665-54) .....	.30
Z11.86-1955 Test for Aromatic Hydrocarbons in Olefin-Free Gasolines by Silica Gel Adsorption (ASTM D936-55) .....	.30
Z11.87-1955 Test for Oxidation Characteristics of Inhibited Steam-Turbine Oils (ASTM D943-54) .....	.30
Z11.88-1955 Test for Measurement of Freezing Points of High-Purity Compounds for Evaluation of Purity (ASTM D1015-55) .....	.30
Z11.89-1955 Test for Determination of Purity from Freezing Points of High-Purity Compounds (ASTM D1016-55) .....	.50
Z11.90-1955 Test for Oxygen in Butadiene Vapors (Manganous Hydroxide Method) (ASTM D1021-55) .....	.30
Z11.91-1955 Test for Sampling Liquefied Petroleum Gases (ASTM D1265-55) .....	.30
Z11.92-1955 Test for Vapor Pressure of Liquefied Petroleum Gases (ASTM D1267-55) .....	.30
Z11.93-1956 Evaporation Loss of Lubricating Greases and Oils, Method of Test for (ASTM D972-56) ..	.30
Z11.94-1957 Analysis of 60 Octane Number Isooctane-Normal Heptane ASTM Knock Test Reference Fuel Blends by Infrared Spectrophotometry, Method of Test for (ASTM D1095-54) .....	.30
Z11.95-1957 1, 3-Butadiene in C ₄ Hydrocarbon Mixtures by Ultraviolet Spectrophotometry, Method of Test for (ASTM D1096-54) .....	.30
Z11.96-1957 Density and Specific Gravity of Liquids by Bingham Pycnometer, Method of Test for (ASTM D1217-54) .....	.30
Z11.97-1957 Unsaturated Light Hydrocarbons, Silver-Mercuric Nitrate, Method of Test for (ASTM D1268-55) .....	.30
Z11.98-1958 Polarographic Determination of Tetraethyllead in Gasoline, Method for (ASTM D1269-58) .....	.30
Z11.99-1958 Test for Effect of Copper on Oxidation Rate of Grease, Method of (ASTM D1402-58) .....	.30
●Z12 — Dust Explosions:	
Z12.1-1959 Installation and Operation of Pulverized-Coal Systems, Code for the (NFPA 60) (Revision of Z12.1-1957 and Z12.17-1946) ..	.50
Z12.2-1959 Starch Factories, Safety Code for the Prevention of Dust Explosions in (NFPA 61A) .....	.50

	Price		Price
●Z12 — Dust Explosions (Continued)			
Z12.3-1956	Flour and Feed Mills, Safety Code for the Prevention of Dust Explosions in (NFPA 61C) .....	.35	
Z12.4-1956	Terminal Grain Elevators, Safety Code for the Prevention of Dust Explosions in (NFPA 61B) .....	.35	
Z12.5-1953	Woodworking Plants, Safety Code for the Prevention of Dust Explosions in (NFPA 663) .....	.25	
Z12.6-1959	Sugar and Cocoa, Safety Code for Pulverizing Systems for (NFPA 62) .....	.35	
Z12.7-1959	Coal Pneumatic Cleaning Plants, Safety Code for the Prevention of Dust Explosions in (NFPA 653) .....	.50	
Z12.8-1946	Wood Flour Manufacturing Establishments, Safety Code for the Prevention of Dust Explosions in (NFPA 662) .....	.25	
Z12.9-1953	Spice Grinding Plants, Safety Code for the Prevention of Dust Ignitions in (NFPA 656) .....	.25	
Z12.11-1953	Aluminum Bronze Powder, Safety Code for the Prevention of Dust Explosions in the Manufacture of (NFPA 651) ....	.25	
Z12.12-1950	Sulphur Dust Explosions and Fires, Safety Code for the Prevention of (NFPA 655) .....	.25	
Z12.13-1956	Country Grain Elevators, Code for the Prevention of Dust Ignitions in (NFPA 64) .....	.25	
Z12.14-1943	Grain Elevators and Storage Units, Suggested Good Practices for the Application of Suction and Venting for the Control of Dust in (NFPA 661) .....	.25	
Z12.15-1953	Magnesium Powder or Dust, Code for Explosion and Fire Protection in Plants Producing or Handling (NFPA 652) ..	.25	
Z12.16-1946	Plastics Industry, Safety Code for the Prevention of Dust Explosions in the (NFPA 654) .....	.35	
Z12.18-1953	Confectionery Plants, Safety Code for the Prevention of Dust Explosions in (NFPA 657) .....	.25	
●			
Z14.1-1946	See Y14, page 35.		
Z15 Series	See Y15, page 35.		
Z16.1-1954	†Method of Recording and Measuring Work Injury Experience .....	.50	
Z16.2-1941	†Compiling Industrial Accident Causes Part 1—Selection of Accident Factors Part 2—Detailed Classification of Accident Factors	1.25	
Z17.1-1958	†Preferred Numbers	1.00	
Z20.3-1957	Places of Outdoor Assembly (Grandstands and Tents) (NFPA No. 102) .....	.50	
●Z21 — Gas-Burning Appliances, Approval and Installation Requirements:			
●Domestic Gas Ranges, Approval Requirements for:			
Z21.1.1-1956	Free Standing Units, Volume I, with Addenda Z21.1.1a-1957 and Z21.1.1b-1958..	3.00	
	(Z21.1.1a-1957 sold separately ....50¢)		
	(Z21.1.1b-1958 sold separately ....50¢)		
●Domestic Gas Ranges, Approval Requirements for (Continued)			
Z21.1.2-1956	Built-In Domestic Cooking Units, Volume II, with Addenda Z21.1.2a-1957 and Z21.1.2b-1958 (Revision of Z21.1-1956)..	3.00	
	(Z21.1.2a-1957 sold separately50¢)		
	(Z21.1.2b-1958 sold separately50¢)		
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Z21.2-1949	Gas Hose for Portable Gas Appliances, Listing Requirements on	1.00	
R1957			
Z21.3-1956	Hotel and Restaurant Gas Ranges and Unit Broilers, Approval Requirements for, with Addenda Z21.3a-1957	2.40	
	(Z21.3a-1957 sold separately ....40¢)		
Z21.5-1956	Domestic Gas Clothes Dryers, Approval Requirements for, with Addenda Z21.5a-1957 and Z21.5b-1958	2.65	
	(Z21.5a-1957 sold separately ....15¢)		
	(Z21.5b-1958 sold separately ....50¢)		
Z21.6-1957	Domestic Gas-Fired Incinerators, Approval Requirements for, with Addenda Z21.6a-1958	1.65	
	(Z21.6a-1958 sold separately ....15¢)		
Z21.8-1958	Installation of Domestic Gas Conversion Burners, Requirements for .....	.35	
Z21.9-1948	Hot Plates and Laundry Stoves, Approval Requirements for, with Addenda Z21.9a-1949	1.40	
R1957			
	(Z21.9a-1949 sold separately ....40¢)		
●Gas Water Heaters, Approval Requirements for:			
Z21.10.1-1956	Gas Water Heaters (except Side-Arm Type Water Heaters) Volume I, with Addenda Z21.10.1a-1957 and Z21.10.1b-1958	2.75	
	(Z21.10.1a-1957 sold separately ....50¢)		
	(Z21.10.1b-1958 sold separately ....25¢)		
Z21.10.2-1956	Side-Arm Type Water Heaters, Volume II, with Addenda Z21.10.2a-1957 and Z21.10.2b-1958	2.40	
	(Z21.10.2a-1957 sold separately15¢)		
	(Z21.10.2b-1958 sold separately25¢)		
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Z21.11-1956	Gas-Fired Room Heaters, Approval Requirements for, with Addenda Z21.11a-1957 and Z21.11b-1958	2.65	
	(Z21.11a-1957 sold separately ....40¢)		
	(Z21.11b-1958 sold separately ....25¢)		
Z21.12-1937	Draft Hoods, Listing Requirements for...	.50	
R1953			
●Central Heating Gas Appliances, Approval Requirements for:			
Z21.13.1-1958	Steam and Hot Water Boilers, Volume I.	2.00	
Z21.13.2-1958	Gravity and Forced Air Central Furnaces, Volume II	2.00	
Z21.13.3-1956	Gravity and Fan Type Floor Furnaces, Volume III, with Addenda Z21.13.3a-1957 and Z21.13.3b-1958	2.90	
	(Z21.13.3a-1957 sold separately ....40¢)		
	(Z21.13.3b-1958 sold separately50¢)		
Z21.13.4-1958	Gravity and Fan Type Vented Recessed Heaters, Volume IV	2.00	
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Z21.15-1958	Manually Operated Gas Valves, Listing Requirements for	2.00	

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Price

●Z21 — Gas Burning Appliances (Continued)

Z21.16-1957	Gas Unit Heaters, Approval Requirements for, with Addenda Z21.16a-1958 (Z21.16a-1958 sold separately50¢)	2.50
Z21.17-1958	Domestic Gas Conversion Burners, Listing Requirements for	2.00
Z21.18-1956	Domestic Gas Appliance Pressure Regulators, Listing Requirements for	1.50
Z21.19-1942 R1953	Refrigerators Using Gas Fuel, Approval Requirements for	1.00
Z21.20-1951 R1956	Automatic Pilots, Listing Requirements for	1.00
Z21.21-1952 R1957	Automatic Valves for Gas Appliances, Listing Requirements for	1.00
Z21.22-1958	Relief and Automatic Gas Shut-off Valves for Use on Water Heating Systems, Listing Requirements for	1.50
Z21.23-1940 R1953	Gas Appliance Thermostats, Listing Requirements for . . . . .	.50
Z21.24-1955	Metal Connectors for Gas Appliances, Listing Requirements for, with Addenda Z21.24a-1956 (Z21.24a-1956 sold separately10¢)	1.10
Z21.27-1955	Hotel and Restaurant Deep Fat Fryers, Approval Requirements for, with Addenda Z21.27a-1956 and Z21.27b-1957 (Z21.27a-1956 sold separately40¢) (Z21.27b-1957 sold separately15¢)	2.05
Z21.28-1956	Portable Gas Baking and Roasting Ovens, Approval Requirements for, with Addenda Z21.28a-1957 (Z21.28a-1957 sold separately40¢)	2.40
Z21.29-1941 R1953	Furnace Temperature Limit Controls and Fan Controls, Listing Requirements for . . . . .	.50
Z21.30-1954	Installation of Gas Piping and Gas Appliances in Buildings (not applicable to Undiluted Liquefied Petroleum Gas)	.25
Z21.31-1956	Gas Counter Appliances, Approval Requirements for, with Addenda Z21.31a-1957 (Z21.31a-1957 sold separately40¢)	2.40
Z21.33-1950 R1956	Installation of Gas-Burning Equipment in Power Boilers, Requirements for	1.00
Z21.34-1958	Gas-Fired Duct Furnaces, Approval Requirements for	2.00
Z21.35-1945 R1953	Gum Protective Devices, Listing Requirements for . . . . .	.50
Z21.37-1948 R1957	Dual Oven Type Combination Gas Ranges, Approval Requirements for	1.00
Z21.38-1957	Installation of Gas Conversion Burners in Domestic Ranges, Requirements for . . . . .	.25
Z21.39-1957	Gas Conversion Burners for Domestic Ranges, Listing Requirements for	2.00

●Z22 — Motion Pictures:

This number is being discontinued. Standards assigned numbers are listed under the new number, PH22.

Z23.1-1939 R1950	Sieves for Testing Purposes, Specifications for (ASTM E11-39; AASHTO M92-42)30
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●Z24 — Acoustics, Vibration, and Mechanical Shock:

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Z24.1-1951	†Acoustical Terminology	1.50
Z24.1a	†Shock and Vibration Terminology, Supplement to Z24.1-1951 (Proposed; distributed for trial and criticism)75

Price

●Z24 — Acoustics, Vibration and Mechanical Shock (Continued)

Z24.3-1944	†Sound Level Meters for Measurement of Noise and Other Sounds . . . . .	.50
Z24.4-1949	†Pressure Calibration of Laboratory Standard Pressure Microphones, Method for the . . . . .	.75
Z24.5-1951	†Audiometers for General Diagnostic Purposes . . . . .	.50
Z24.7-1950	†Apparatus Noise Measurement, Test Code for . . . . .	.50
Z24.8-1949	†Laboratory Standard Pressure Microphones, Specification for . . . . .	.50
Z24.9-1949	†Coupler Calibration of Earphones, Method for the . . . . .	.75
Z24.10-1953	†Octave-Band Filter Set for the Analysis of Noise and Other Sounds, Specification for an . . . . .	.50
Z24.11-1954	†Free-Field Secondary Calibration of Microphones, Method for the . . . . .	.50
Z24.12-1952	†Pure-Tone Audiometers for Screening Purposes, Specification for . . . . .	.50
Z24.13-1953	†Speech Audiometers, Specifications for . . . . .	.50
Z24.14-1953	†Measurement of Characteristics of Hearing Aids, Methods for . . . . .	.50
Z24.15-1955	†Specifying the Characteristics of Analyzers Used for the Analysis of Sounds and Vibrations, Method for . . . . .	.50
Z24.17-1955	†Design, Construction, and Operation of Class H1 (High-Impact) Shock-Testing Machine for Lightweight Equipment, Specification for the	1.00

Complete manufacturing and installation drawings for the Class H1 (High-Impact) Shock-Testing Machine for Lightweight Equipment as specified in American Standard Z24.17-1955, consisting of 19 sheets.

Price Per Set **\$25.00**

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Z24.19-1957	†Laboratory Measurement of Air-Borne Sound Transmission Loss of Building Floors and Walls, Recommended Practice for50
Z24.21-1957	†Specifying the Characteristics of Pickups for Shock and Vibration Measurement, Method for	1.00
Z24.22-1957	†Measurement of the Real-Ear Attenuation of Ear Protectors at Threshold, Method for the . . . . .	.50

Z24-X2 The Relations of Hearing Loss to Noise Exposure \$1.50

64 pp., 6 x 9 in., 18 figures, 8 tables, heavy paper cover. This report by Exploratory Subcommittee Z24-X-2 of Sectional Committee Z24 on Acoustics, Vibration, and Mechanical Shock analyzes the noise problem. Representing one of the most comprehensive surveys ever made, it tells what factors enter into industrial loss of hearing; how much certain types of noise affect hearing; what allowance to make for recovery of hearing after noise exposure; what loss of hearing to expect of different age groups.

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	Price
●Z24 — Acoustics, Vibration and Mechanical Shock (Continued)	
Z24.24-1957 †Calibration of Electroacoustic Transducers (Particularly Those for Use in Water), Procedures for	2.00
Z25.1-1940 †Rules for Rounding Off Numerical Values R1947 .....	.35
Z26.1-1950 †Safety Glazing Materials for Glazing Motor Vehicles Operating on Land Highways, Safety Code for	1.00
Z30.2-1953 Thermal Analysis of Steel (ASTM E14-51T) .....	.30
Z31-1933 Marking of Gold Filled and Rolled Gold Plate Articles Other Than Watchcases (CS47-34)	Out of print
Z32 Series See Y32 on page 35.	
Z33.1-1950 Regulations for the Installation of Blower and Exhaust Systems for Dust, Stock and Vapor Removal (NFPA 91; NBFU 91) ..	.25
Z34.1-1947 †Practice for Certification Procedures .....	.35
Z35.1-1941 †Industrial Accident Prevention Signs, Speci- fications for .....	.75
●Z37 — Allowable Concentrations of Toxic Dusts and Gases: (20% discount will be allowed on the purchase of complete Z37 series)	
Z37.1-1941 †Carbon Monoxide, Allowable Concentra- tion of .....	.35
Z37.2-1941 †Hydrogen Sulfide, Allowable Concentra- tion of .....	.35
Z37.3-1941 †Carbon Disulfide, Allowable Concentra- tion of .....	.35
Z37.4-1941 †Benzene, Allowable Concentration of	Out of print
Z37.6-1948 †Manganese, Allowable Concentration of ..	.35
Z37.7-1943 †Chromic Acid and Chromates, Allowable Concentration of .....	.35
Z37.8-1943 †Mercury, Allowable Concentration of ....	.35
Z37.10-1948 †Xylene, Allowable Concentration of .....	.35
Z37.11-1943 †Lead and Certain of Its Inorganic Com- pounds, Allowable Concentration of ....	.35
Z37.12-1943 †Toluene, Allowable Concentration of	Out of print
Z37.13-1944 †Oxides of Nitrogen, Allowable Concen- tration of .....	.35
Z37.14-1944 †Methanol, Allowable Concentration of ...	.35
Z37.16-1944 †Formaldehyde, Allowable Concentration of	Out of print
Z37.17-1957 †Maximum Acceptable Concentration of Carbon Tetrachloride .....	.50
Z37.18-1949 †Methyl Chloride, Allowable Concentration of	Out of print
Z37.19-1946 †Trichloroethylene, Allowable Concen- tration of .....	.35
●Z38 — Photography (other than Cinematography): This number is being discontinued. Standards assigned Z38 numbers are listed under the appropriate new numbers:— PH1, Films, Plates, and Paper; PH2, Photographic Sensitometry; PH3, Photographic Apparatus; PH4, Photographic Processing; PH5, Reproduction of Documents.	
Z39.1-1943 †Reference Data and Arrangement of Pe- riodicals .....	.25

	Price
●Z41 — Specifications for Protective Occupational Foot- wear (American War Standards):	
Z41.1-1944 †Men's Safety-Toe Shoes .....	.75
Z41.3-1944 †Men's Conductive Shoes	
Z41.4-1944 †Men's Explosives - Operations (Non-spark- ing) Shoes	
Z41.5-1944 †Men's Electrical-Hazards Shoes	
Z41.6-1944 †Men's Foundry (Molders) Shoes	Out of print
Z41.2-1944 †Women's Safety-Toe (Oxford) Shoes	
Z41.7-1944 †Women's Safety-Toe (High) Shoes	
Z41.8-1944 †Women's Explosives - Operations (Non- sparking) Shoes	
Z41.9-1944 †Women's Conductive Shoes	
●	
Z43-1941 †Grinding, Polishing and Buffing Equip- ment Sanitation .....	.75
Z48.1-1954 Marking Portable Compressed Gas Contain- ers to Identify the Material Contained, Method for .....	.15
Z49.1-1958 Welding and Cutting, Safety in	2.00
Z50.1-1947 †Bakery Equipment, Safety Code for	1.00
Z53.1-1953 †Marking Physical Hazards and the Identifi- cation of Certain Equipment, Safety Color Code for .....	.50
Z54.1-1946 †Industrial Use of X-rays, Safety Code for the (American War Standard)	1.50
Z54.2-1958 Industrial Beta-Ray Sources, Safe Design and Use of (NBS Handbook 66) .....	.20
Z55.1-1950 †Gray Finishes for Industrial Apparatus and Equipment .....	.35
Color Chips representing Gray Finishes according to Z55.1-1950	
No. 24—Dark Gray	1.00
No. 33—Medium Dark Gray	1.00
No. 49—Medium Light Gray	1.00
No. 61—Light Gray	1.00

Z56 Nationally Recognized Standards in State Laws and Local Ordinances

\$1.00
44-page report of ASA Committee Z56 on Model Laws
and Ordinances published by ASA to collect ideas and
discussion on the question, "How can nationally recog-
nized standards legally be used in state laws and local
ordinances?" Points out how lack of uniformity in state
and local technical requirements increases costs and
reduces public safety; analyzes the need for legal
methods to permit widespread use of nationally recog-
nized standards to bring outmoded requirements up to
date with new technical developments; summarizes the
present status of the "adoption by reference" method;
and discusses the method of making compliance with
national standards *prima facie* evidence of compliance
with the law.

Z57.1-1954 †Flutter Content of Sound Recorders and Re- producers, Method for Determining ....	.75
Z58.1.1-1953 †Nomenclature for Radiometry and Photo- metry .....	.25
Z58.1.2-1952 †Colorimetry, Nomenclature and Definitions in the Field of50

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	Price		Price
Z58.7.1-1951 †Spectrophotometric Measurement for Color, Method of75	Z77.1-1955 Analysis of Natural Gases by the Volumetric-Chemical Method, Method for (ASTM D1136-53)30
Z58.7.2-1951 †Determination of Color Specifications, Method for		Z77.2-1955 Analysis of Natural Gases and Related Types of Gaseous Mixtures by the Mass Spectrometer, Method for (ASTM D1137-53) .....	.30
Z58.7.3-1951 †Expressing Color Specifications, Alternative Methods for		Z77.3-1955 Water Vapor Content of Gaseous Fuels by Measurement of Dew-Point Temperature, Method of Test for (ASTM D1142-53) .....	.30
Z60.1-1952 Nursery Stock — Horticultural Standards with Addendum Z60.1a-1955 (AAN) ....	.50	Z77.4-1955 Sampling Natural Gas, Method of (ASTM D1145-53) .....	.30
Z60.1a-1955 Nursery Stock (Horticultural Stock) Addendum to Z60.1-1952 (AAN)	<i>Gratis</i>	Z78.1-1957 Selected Values of Physical and Thermodynamic Properties of Hydrocarbons and Related Compounds	7.00
Z61.1-1949 †Home Cooking and Baking Utensils, Dimensions, Tolerances, and Terminology for .....	.35		
Z65.1-1956 †Determining Areas in Office Buildings, Method of .....	.35		
Z65.2-1958 †Determining Areas in School Buildings, Method of .....	.75		
Z65.3-1958 †Determining Areas in Public Buildings, Method of .....	.50		
Z66.1-1955 †Minimize Hazards to Children from Residual Surface Coating Materials, Specifications to .....	.35		
Z67.1-1953 Gross Calorific Value and Net Calorific Value of Solid and Liquid Fuels, Definitions of the Terms (ASTM D407-44) ....	.30		
Z68.1-1956 Caloric Value of Gaseous Fuels by the Water-Flow Calorimeter, Method of Test for (ASTM D900-55) .....	.60		
Z69.1-1953 Specific Gravity of Gaseous Fuels, Methods of Test for (ASTM D1070-52) .....	.50		
Z70.1-1955 †Glass and Metal Luer Tapers for Medical Applications, Dimensions of .....	.50		
Z71.1-1958 ASTM Thermometers, Specifications for (ASTM E1-57) .....	.75		
Z75.1-1955 †Scales for Use with Decimal-Inch Dimensioning .....	.35		
Z76.1-1955 Hardness Conversion Table for Cartridge Brass (Relationship between Diamond Pyramid Hardness, Rockwell Hardness, and Brinell Hardness) (ASTM E33-42) ..	.30		
Z76.2-1955 Hardness Conversion Tables for Steel (Relationship between Diamond Pyramid Hardness, Rockwell Hardness, and Brinell Hardness) (ASTM E48-47) .....	.30		
Z76.3-1955 Hardness Conversion Table for Nickel and High-Nickel Alloys (Relationship between Diamond Pyramid Hardness, Brinell Hardness, and Rockwell Hardness) (ASTM E93-52) .....	.30		

CS — Commercial Standards

The following Commercial Standards, promulgated by the U. S. Dept. of Commerce, have been approved by ASA:

CS8-51	Gage Blanks (American Standard B47.1-1956) .....	.45
CS19-32	Foundry Patterns of Wood (American Standard B45.1-1932)	<i>Out of print</i>
CS47-34	Marking of Gold Filled and Rolled Gold Plate Articles Other Than Watchcases (American Standard Z31-1933) ..	<i>Out of print</i>
CS49-34	*Chip Board, Laminated Chip Board, and Miscellaneous Boards for Bookbinding Purposes	<i>Out of print</i>
CS50-34	*Binders Board .....	.05
CS51-35	*Marking Articles Made of Silver in Combination with Gold .....	.05
CS53-35	*Colors and Finishes for Cast Stone .....	.05
CS54-35	*Mattresses for Hospitals	<i>Out of print</i>
CS55-35	*Mattresses for Institutions	<i>Out of print</i>
CS57-40	*Book Cloths, Buckrams, and Impregnated Fabrics for Bookbinding Purposes except Library Bindings	<i>Out of print</i>
CS67-38	*Marking Articles Made of Karat Gold	<i>Out of print</i>

* For copies, write to: Commercial Standards Division, Department of Commerce, Washington, D. C.

American Safety Standards

(Special Price of Complete Set, \$70.00)

(These standards are also included in the preceding general list)

	Price		Price
A2.1-1956 Fire Tests of Building Construction and Materials, Methods of (ASTM E119-55) ..	.30	A10.1-1951 Manual of Accident Prevention in Construction	<i>Out of print</i>
A2.2-1956 Fire Tests of Door Assemblies, Methods of (ASTM E152-55T) .....	.30	A10.2-1944 †Building Construction, Safety Code for	1.75
A9.1-1953 Building Exits Code (NFPA 101; AIA 40-B-7)	<i>Out of print</i>	A11.1-1952 Industrial Lighting .....	.50
		A12-1932 †Floor and Wall Openings, Railings, and Toe Boards, Safety Code for50

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	Price
A13.1-1956 Identification of Piping Systems, Scheme for the	1.00
A14.1-1959 †Portable Wood Ladders, Safety Code for ..	1.50
A14.2-1956 †Portable Metal Ladders, Safety Code for ..	.50
A14.3-1956 †Fixed Ladders, Safety Code for	1.00
A17.1-1957 Elevators, Dumbwaiters, and Escalators, Safety Code for (A17.1-1955 and revisions A17.1a-1957)	4.25
(A17.1a-1957 sold separately,	1.00)
A17.1.5-1953 Private Residence Elevators, Safety Code for (Part 5 of A17.1-1955)	1.00
A17.2-1945 Elevators, Inspection of (Inspectors' Manual) ..	2.50
A23.1-1948 School Lighting (AIA 31-F-28)	<i>Out of print</i>
A39-1933 †Window Cleaning .....	.35
A85.1-1956 †Protective Lighting, Practice for .....	.50
A90.1-1949 Manlifts, Safety Code for	1.00
R1956	
B7.1-1956 Use, Care, and Protection of Abrasive Wheels, Safety Code for the	1.00
B8-1932 †Protection of Industrial Workers in Foundries, Safety Code for .....	.35
B9.1-1958 Mechanical Refrigeration, Safety Code for (ASRE 15-58)	1.00
B11.1-1948 †Power Presses and Foot and Hand Presses, Safety Code for	<i>Out of print</i>
B13-1924 Logging and Sawmill Safety Code (NBS Handbook H5)	<i>Out of print</i>
B15.1-1953 Mechanical Power-Transmission Apparatus, Safety Code for	2.00
R1958	
B19-1938 Compressed Air Machinery and Equipment, Safety Code for	<i>Out of print</i>
B20.1-1957 Conveyors, Cableways, and Related Equipment, Safety Code for	1.50
B24.1-1952 †Forging and Hot Metal Stamping, Safety Code for	1.00
R1959	
B28.1-1949 †Mills and Calenders in the Rubber Industry, Safety Code for	1.00
B30.1-1943 Jacks, Safety Code for	1.00
R1952	
B30.2-1943 Cranes, Derricks, and Hoists, Safety Code for	2.50
R1952	
B31.1-1955 Code for Pressure Piping (Sections 1 through 7)	3.50
B31.1.8-1958 Gas Transmission and Distribution Piping Systems (Section 8 of Code for Pressure Piping)	2.50
B56.1-1955 Industrial Power Trucks, Safety Code for ..	1.50
B57.1-1957 Compressed Gas Cylinder Valve Outlet and Inlet Connections (CGA V-1)	1.50
B65.1-1954 †Controls and Signaling Devices for Graphic Arts Presses, Safety Code for .....	.50
C1-1956 National Electrical Code (NBFU 70; pocket edition) .....	.25
(Paper bound NFPA 70; 4¼ x 7¼ in.	\$1.00)

● **C2 — National Electrical Safety Code (NBS Handbook H30):**

C2.1-1941 Installation and Maintenance of Electrical Supply Stations, Safety Rules for the (NBS Handbook H31)	
R1947	
C2.2-1941 Installation and Maintenance of Electric Supply and Communication Lines, Safety Rules for the (NBS Handbook H32)	
R1947	
C2.3-1941 Installation and Maintenance of Electric Utilization Equipment, Safety Rules for the (NBS Handbook H33)	2.25
R1947	
C2.4-1939 Operation of Electric Equipment and Lines, Safety Rules for the (NBS Handbook H34)	
R1947	
C2.5-1940 Radio Installations, Safety Rules for (NBS Handbook H35)	
R1947	

● **C5 — Protection against Lightning, Code for (NBS Handbook H46; NFPA 78):**

C5.1-1953 Part I, Protection of Persons	
C5.2-1953 Part II, Protection of Buildings and Miscellaneous Property	45
C5.3-1953 Part III, Protection of Structures Containing Flammable Liquids and Gases	

●

C33.1-1957 Flexible Cord and Fixture Wire, Safety Standard for	1.25
C33.2-1956 Transformer-Type Arc-Welding Machines, Safety Standard for (UL 551) .....	.75
C33.3-1957 Cord Sets and Power-Supply Cords, Safety Standard for (UL 817) .....	.50
C33.4-1958 Specialty Transformers, Safety Standard for (UL 506) .....	.75
C33.5-1956 Wire Connectors and Soldering Lugs, Safety Standard for (UL 486) .....	.75
C33.6-1957 Rubber-Covered Wires and Cables, Safety Standard for (UL 44) .....	.75
C33.7-1957 Electrically Heated Pads and Bedding, Safety Standard for (UL 130) .....	.75
C33.8-1957 Grounding and Bonding Equipment, Safety Standard for (UL 467) .....	.50
C33.9-1959 Armored Cable, Safety Standards for (UL 4) ..	.75
C65.1-1954 Power-Operated Radio Receiving Appliances, Safety Standard for	<i>Out of print</i>
D6.1-1955 Manual on Uniform Traffic Control Devices for Streets and Highways, with Supplement	1.25
D7.1-1956 †Inspection Requirements for Motor Vehicles ..	1.00
D8.1-1956 Railroad Highway Grade Crossing Protection (AAR Bulletin 5) .....	.50
D10.1-1958 Adjustable Face Traffic Control Signal Head Standards (ITE Technical Report 1-1958) .....	.50
D11.1-1958 Pre-Timed, Fixed Cycle, Traffic Signal Controllers (ITE Technical Report 2-1958) .....	.50
D12.1-1953 Street and Highway Lighting .....	.50
D13.1-1958 Traffic-Actuated, Traffic Signal Controllers and Detectors, Specifications for (ITE Technical Report 3-1958)50

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● J6 — Specifications for Rubber Protective Equipment for Electrical Workers:

J6.1-1950	Rubber Insulating Line Hose (ASTM D1050-49T) .....	.75
J6.2-1950	Rubber Insulator Hoods (ASTM D1049-49T)	
J6.4-1950	Rubber Insulating Blankets (ASTM D1048-49T)	
J6.5-1950	Rubber Insulating Sleeves (ASTM D1051-49T)	
J6.6-1952	Rubber Insulating Gloves, Specifications for (ASTM D120-52T)	
J6.3-1945	†Leather Protective Gloves (American War Standard) .....	.35
●		
K13.1-1950	†Identification of Gas-Mask Canisters, Safety Code for	<i>Out of print</i>
L1.1-1956	†Textile Safety Code .....	.75

● L18 — Specifications for Protective Occupational (Safety) Clothing (American War Standards):

L18.1-1944	†Leather Aprons	<i>Out of print</i>
L18.2-1944	†Cape Sleeves and Bibs	
L18.3-1944	†Knee-Length Leggings	
L18.4-1944	†Leather Coats	
L18.5-1944	†Leather Overalls	
L18.6-1944	†Leather Sleeves	
L18.7-1944	†Welders' Leather Gauntlet Gloves.....	
L18.8-1944	†Protective Leather Gloves, Steel-Stapled..	
L18.9-1944	†Asbestos Gloves	
L18.10-1944	†Asbestos Gloves, Leather Reinforced ...	
L18.11-1944	†Asbestos Mittens	
L18.12-1944	†Asbestos Mittens, Leather Reinforced ...	
L18.14-1944	†Asbestos Aprons (Bib Type)	
L18.15-1944	†Asbestos Cape Sleeves and Bibs	
L18.16-1944	†Asbestos Leggings (Knee and Hip Length)	
L18.17-1944	†Asbestos Coats	
L18.18-1945	†Leather One-Finger Mittens	
L18.19-1945	†Leather Mittens	
L18.20-1945	†Asbestos One-Finger Mittens	
L18.21-1945	†Flame-Resistant Fabric Aprons (Bib Type)	
L18.22-1945	†Flame-Resistant Fabric Leggings (Knee and Hip Length)	
L18.23-1945	†Flame-Resistant Fabric Coats	
L18.24-1945	†Flame-Resistant Fabric Pants	
L18.25-1945	†Flame-Resistant Fabric Coveralls	
L18.26-1945	†Flame-Resistant Fabric Spats	
L18.27-1945	†Leather Spats	
L18.28-1945	†Asbestos Spats	
L18.29-1945	†Chemical-Resistant Gloves35
●		
M2.1-1951	Installing and Using Electrical Equipment in Coal Mines, Safety Rules for (BMTP 402)	.25

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M11-1927	Wire Rope for Mines	<i>Out of print</i>
M12.1-1946	†Construction and Maintenance of Ladders and Stairs for Mines50
M13-1925	†Rock-Dusting Coal Mines to Prevent Coal Dust Explosions .....	.25
M24-1932	†Installing and Using Electrical Equipment in Metal Mines, Safety Rules for	<i>Out of print</i>
M28.1-1955	†Safety Procedures for Quarries	1.50
O1.1-1954	†Woodworking Machinery, Safety Code for	1.00
P1.1-1956	†Pulp and Paper Mills, Safety Standard for	1.00
Z2-1938	Protection of Heads, Eyes, and Respiratory Organs, Safety Code for (NBS Handbook H24)	<i>Out of print</i>

Z2 Report — The Spectral-Transmissive Properties of Plastics for Use in Eye Protection \$1.50

48-page 8½ x 11 inch, 106 charts, 4 tables, heavy paper cover. This report was prepared by a subcommittee on Transmissive Properties of Plastics, and contains ultraviolet, luminous and infrared spectral transmissive properties and other characteristic data on many of the presently available types of plastics suitable for use in protecting the eyes in industrial and certain other operations. Much of this spectral transmissive data is new and is being presented in this report for the first time.

Z4.1-1955	†Sanitation in Places of Employment, Minimum Requirements for .....	.50
Z4.2-1942	†Drinking Fountains, Specifications for ....	.25
Z4.3-1935	Sanitary Privy (Supplement 108 to the Public Health Reports)	<i>Out of print</i>
Z8-1941	†Laundry Machinery and Operations, Safety Code for .....	.35
Z9	†Fundamentals Relating to the Design and Operation of Exhaust Systems (Report published for comment)	<i>Out of print</i>
Z9.1-1951	†Ventilation and Safe Operation of Open-Surface Tanks .....	.75

● Z12 — Dust Explosions:

Z12.1-1959	Installation and Operation of Pulverized-Coal Systems, Code for the (NFPA 60) (Revision of Z12.1-1957 and Z12.17-1946) .....	.50
Z12.2-1959	Starch Factories, Safety Code for the Prevention of Dust Explosions in (NFPA 61A) .....	.50
Z12.3-1956	Flour and Feed Mills, Safety Code for the Prevention of Dust Explosions in (NFPA 61C) .....	.35
Z12.4-1956	Terminal Grain Elevators, Safety Code for the Prevention of Dust Explosions in (NFPA 61B) .....	.35
Z12.5-1953	Woodworking Plants, Safety Code for the Prevention of Dust Explosions in (NFPA 663) .....	.25
Z12.6-1959	Sugar and Cocoa, Safety Code for Pulverizing Systems for (NFPA 62) .....	.35

	Price		Price
● Z12 — Dust Explosions (Continued)		● Z37 — Toxic Dusts and Gases (Continued)	
Z12.7-1959	Coal Pneumatic Cleaning Plants, Safety Code for the Prevention of Dust Explosions in (NFPA 653)	Z37.10-1948	†Xylene, Allowable Concentration of
	.50	Z37.11-1943	†Lead and Certain of Its Inorganic Compounds, Allowable Concentration of
Z12.8-1946	Wood Flour Manufacturing Establishments, Safety Code for the Prevention of Dust Explosions in (NFPA 662) . . . . .		.35
	.25	Z37.12-1943	†Toluene, Allowable Concentration of
Z12.9-1953	Spice Grinding Plants, Safety Code for the Prevention of Dust Ignitions in (NFPA 656)		<i>Out of print</i>
	.25	Z37.13-1944	†Oxides of Nitrogen, Allowable Concentration of
Z12.11-1953	Aluminum Bronze Powder, Safety Code for the Prevention of Dust Explosions in the Manufacture of (NFPA 651) . . . . .		.35
	.25	Z37.14-1944	†Methanol, Allowable Concentration of
Z12.12-1950	Sulphur Dust Explosions and Fires, Safety Code for the Prevention of (NFPA 655) . . . . .		.35
Z12.13-1956	Country Grain Elevators, Code for the Prevention of Dust Ignitions in (NFPA 64)	Z37.16-1944	†Formaldehyde, Allowable Concentration of
	.25		<i>Out of print</i>
Z12.14-1943	Grain Elevators and Storage Units, Suggested Good Practices for the Application of Suction and Venting for the Control of Dust in (NFPA 661)	Z37.17-1957	†Maximum Acceptable Concentration of Carbon Tetrachloride
	.25		.50
Z12.15-1953	Magnesium Powder or Dust, Code for Explosion and Fire Protection in Plants Producing or Handling (NFPA 652)	Z37.18-1949	†Methyl Chloride, Allowable Concentration of
	.25		<i>Out of print</i>
Z12.16-1946	Plastics Industry, Safety Code for the Prevention of Dust Explosions in the (NFPA 654)	Z37.19-1946	†Trichloroethylene, Allowable Concentration of
	.35		.35
Z12.18-1953	Confectionery Plants, Safety Code for the Prevention of Dust Explosions in (NFPA 657)	● Z41 — Specifications for Protective Occupational Footwear (American War Standards):	
	.25	Z41.1-1944	†Men's Safety-Toe Shoes
Z16.1-1954	†Recording and Measuring Work Injury Experience, Method of	Z41.3-1944	†Men's Conductive Shoes
	.50	Z41.4-1944	†Men's Explosives-Operations (Non-sparking) Shoes
Z16.2-1941	†Compiling Industrial Accident Causes Part 1—Selection of Accident Factors . . . . .		.75
	1.25	Z41.5-1944	†Men's Electrical-Hazards Shoes
Z20.3-1957	Places of Outdoor Assembly, Grandstands and Tents (NFPA 102)	Z41.6-1944	†Men's Foundry (Molders) Shoes
	.50	Z41.2-1944	†Women's Safety-Toe (Oxford) Shoes
Z21.30-1954	Installation of Gas Piping and Gas Appliances in Buildings (not applicable to Undiluted Liquefied Petroleum Gas)	Z41.7-1944	†Women's Safety-Toe (High) Shoes
	.25	Z41.8-1944	†Women's Explosives-Operations (Non-sparking) Shoes
Z24.22-1957	Measurement of the Real-Ear Attenuation of Ear Protectors at Threshold, Method for the		<i>Out of print</i>
	.50	Z41.9-1944	†Women's Conductive Shoes
Z26.1-1950	†Safety Glazing Materials for Glazing Motor Vehicles Operating on Land Highways, Safety Code for		
	1.00	Z43-1941	†Grinding, Polishing, and Buffing Equipment Sanitation
Z33.1-1950	Regulations for the Installation of Blower and Exhaust Systems for Dust, Stock, and Vapor Removal (NFPA 91; NBFU 91) . . . . .		.75
	.25	Z48.1-1954	Portable Compressed Gas Containers to Identify the Material Contained, Method for Marking
Z35.1-1941 R1945	†Industrial Accident Prevention Signs, Specifications for . . . . .		.15
	.75	Z49.1-1958	Welding and Cutting, Safety in
● Z37 — Allowable Concentration of Toxic Dusts and Gases:			2.00
Z37.1-1941	†Carbon Monoxide, Allowable Concentration of	Z50.1-1947	†Bakery Equipment, Safety Code for
	.35		1.00
Z37.2-1941	†Hydrogen Sulfide, Allowable Concentration of	Z53.1-1953	†Marking Physical Hazards and the Identification of Certain Equipment, Safety Color Code for
	.35		.50
Z37.3-1941	†Carbon Disulfide, Allowable Concentration of	Z54.1-1946	†Industrial Use of X-Rays, Safety Code for the (American War Standard)
	.35		1.50
Z37.4-1941	†Benzene, Allowable Concentration of	Z54.2-1958	Industrial Beta-Ray Sources, Safe Design and Use of (NBS Handbook 66)
	<i>Out of print</i>		.20
Z37.6-1948	†Manganese, Allowable Concentration of	Z66.1-1955	†Minimize Hazards to Children from Residential Surface Coating Materials, Specifications to
	.35		.35
Z37.7-1943	†Chromic Acid and Chromates, Allowable Concentration of		
	.35		
Z37.8-1943	†Mercury, Allowable Concentration of		
	.35		

PM87.1 American Safety Standards Out of print

More than 160 American Safety Standards, many widely used in industry and some incorporated in government regulations, are listed and described in this booklet. A brief commentary on each standard tells what the standard covers and outlines its requirements or recommendations. A comprehensive subject index makes it possible to locate any subject covered in any of the standards quickly and easily. In addition to approved American Safety Standards, the booklet also includes a list of safety standards under development.

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American Standards on Consumer Goods

(Special Price of Complete Set \$65.00)

(These standards are also included in the preceding general list)

A14.1-1958	†Portable Wood Ladders, Safety Code for..	1.50
A14.2-1956	†Portable Metal Ladders, Safety Code for ..	.50
A17.1.5-1953	Private Residence Elevators, Safety Code for	1.00
B38.1-1955	†Food-Storage Volume and Shelf Area of Automatic Household Refrigerators, Method of Computing .....	.35
B38.2-1944	†Household Electric Refrigerators (Mechanically Operated), Test Procedures for .....	.50
B38.3-1955	Methods of Rating and Testing Home Freezers .....	.50
C1-1956	National Electrical Code (NFPA 70)	1.00

● C5 — Protection Against Lightning, Code for (NBS Handbook H46; NFPA 78):

C5.1-1953	Part I, Protection of Persons	} .45
C5.2-1953	Part II, Protection of Buildings and Miscellaneous Property	
C5.3-1953	Part III, Protection of Structures Containing Flammable Liquids and Gases	
C18.1-1954	Dry Cells and Batteries, Specifications for (NBS Circular C599) .....	.25
C65.1-1952	Power-Operated Radio Receiving Appliances	<i>Out of print</i>
C70.1-1953	Household Automatic Electric Flatirons (NEMA DAI-1954)	1.00
C71.1-1950	Household Electric Ranges (NEMA ERI-1950) .....	.90
C72.1-1949	Household Automatic Electric Storage-Type Water Heaters (NEMA WHI-1949) .....	.90
C91.1-1958	Residential Wiring, Requirements for (AIA 31-C-61) .....	.25
K60.6-1956	Milled Toilet Soap, Specifications for, (ASTM D455-55) .....	.30
K60.12-1958	Trisodium Phosphate, Specifications for, (ASTM D538-57T) .....	.30
L4.1-1948	†Bleached Cotton Bed Sheets and Pillowcases, Specifications for .....	.25
L11.1-1941	†Body Sizes for Boys' Garments .....	.35

● L12 — Definitions (Including Tolerances) for Filling Materials for Bedding and Upholstery:

L12.1-1946	†Cotton	} .50
L12.2-1946	†Wool	
L12.4-1946	†Miscellaneous	
L14.12-1957	Terms Relating to Textile Materials, Definitions of (ASTM D123-55) .....	.60
L14.14-1957	Cotton Sewing Threads, Methods of Testing and Tolerances for (ASTM D204-56) .....	.30
L14.56-1956	Colorfastness to Perspiration (AATCC 15-52) .....	.30
L14.58-1956	Colorfastness to Peroxide Bleaching (Cotton) (AATCC 29-52) .....	.30

● L22—Rayon and Acetate Fabrics, Minimum Requirements: (Complete, Bound \$4.25)

L22.1.1- through L22.1.10-1952	Part I, Women's and Girls' Rayon and Acetate Wearing-Apparel Fabrics	1.00
	(Part I and Test Methods)	\$3.00
L22.2.1- through L22.2.10-1952	Part II, Men's and Boys' Rayon and Acetate Wearing-Apparel Fabrics .....	.80
	(Part II and Test Methods)	\$2.80
L22.3.1- through L22.3.11-1952	Part III, Rayon and Acetate Home-Furnishings Fabrics .....	.65
	(Part III and Test Methods)	\$2.65
	Part IV, Test Methods used in conjunction with L22 Standards	2.25

● L24 — Institutional Textiles, Minimum Performance Requirements for:

(Complete Set, Bound.....\$6.25)

L24.1.1- through L24.1.7-1955	Part I, Institutional Furnishings .....	.65
L24.2.1- through L24.2.11-1955	Part II, Utility Textiles .....	.90
	(including L4.1-1948)	
L24.3.1- through L24.3.7-1955	Part III, Uniforms .....	.90
	(including L22.1.4-, L22.1.6-, and L22.2.7-1952)	
L24.4.1- through L24.4.11-1955	Part IV, Work Clothes .....	.90
L24.5.1-1955	Permanent Labels, Detachable Tags and Certification of Fabrics or Products .....	.25
	Part V, Test Methods	2.75

● Photography

PH1.28-1957	†Photographic Films for Permanent Records, Specifications for (Revision of Z38.3.2-1945) .....	.50
PH1.31-1958	†Brittleness of Photographic Film, Method for Determining the .....	.80
PH2.7-1955	†Photographic Exposure Computer (Special quantity discounts apply)	1.50
PH2.12-1957	†General-Purpose Photographic Exposure Meters (Revision of Z38.2.6-1948) .....	.75
PH3.13-1958	†Focal Length Marking of Lenses (Revision of Z38.4.4-1942) .....	.25
PH3.27-1949	†Lantern Slide Projectors, Specifications for (Reaffirmation of Z38.7.14-1949) .....	.25
PH3.28-1945	†Slidefilm Projectors, Specifications for, (Reaffirmation of Z38.7.15-1945) .....	.25
PH3.29-1958	†Apertures and Related Quantities Pertaining to Photographic Lenses, Methods of Designating and Measuring .....	.35
PH3.31-1958	†Photographic Enlargers, Methods for Testing (Revision of Z38.7.6-1950) .....	.50

Price

● Photography (Continued)

PH4.6-1953	†Converting Weights and Measures for Photographic Use, Method for .....	.35
PH4.7-1958	†Photographic Thermometers .....	.25
PH4.25-1958	†Photographic Laboratory Spring-Driven Timers, Specification for .....	.25
Z38.7.4-1944 R1948	†Projectors for Opaque Materials for Use in Small Auditoriums, Specifications for .....	.25
Z38.7.5-1948	†Printing and Projection Equipment, Methods of Testing .....	.25
Z38.7.9-1946	†Microfilm Readers, Specifications for ....	.25
Z38.8.3-1947	†Photographic Processing Manipulation of Films and Plates, Practice for .....	.50
Z38.8.6-1949	†Photographic Processing Manipulation of Paper, Practice for .....	.50
Z38.8.13-1950	†Safety-Time of Photographic Dark-Room Illumination, Procedure for Determining the .....	.25
Z38.8.25-1950	†Residual Thiosulfate and Tetrathionate in Processed Photographic Papers, Method for Determining .....	.35
●		
X2.4.3-1956	Ring, Memo and Post Binder Sheet Sizes and Ring and Post Data (NOMA N4.3-1954) .....	.25

● Domestic Gas Ranges, Approval Requirements for:

Z21.1.1-1956	Free Standing Units, Volume I, with Addenda Z21.1.1a-1957 and Z21.1.1b-1958 (Z21.1.1a-1957 sold separately, .....50¢) (Z21.1.1b-1958 sold separately, .....50¢)	3.00
Z21.1.2-1956	Built-In Domestic Cooking Units, Volume II, with Addenda Z21.1.2a-1957 and Z21.1.2b-1958 (Z21.1.2a-1957 sold separately, .....50¢) (Z21.1.2b-1958 sold separately, .....50¢)	2.50
●		
Z21.2-1949 R1957	Gas Hose for Portable Gas Appliances, Listing Requirements on	1.00
Z21.5-1956	Domestic Gas Clothes Dryers, Approval Requirements for, with Addenda Z21.5a-1957 (Z21.5a-1957 sold separately, .....15¢)	2.15
Z21.6-1957	Domestic Gas-Fired Incinerators, Approval Requirements for, with Addenda Z21.6a-1958 (Z21.6a-1958 sold separately, .....15¢)	1.65
Z21.8-1958	Installation of Domestic Gas Conversion Burners, Requirements for .....	.35
Z21.9-1948 R1957	Hot Plates and Laundry Stoves, Approval Requirements for, with Addenda Z21.9a-1949 (Z21.9a-1949 sold separately, .....40¢)	1.40

● Gas Water Heaters, Approval Requirements for:

Z21.10.1-1956	Gas Water Heaters (except Side-Arm Type Water Heaters) Volume I with Addenda Z21.10.1a-1957 and Z21.10.1b-1958 (Z21.10.1a-1957 sold separately,50¢) (Z21.10.1b-1958 sold separately,25¢)	2.75
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Price

● Gas Water Heaters (Continued)

Z21.10.2-1956	Side-Arm Type Water Heaters, Volume II, with Addenda Z21.10.2a-1957 and Z21.10.2b-1958 (Z21.10.2a-1957 sold separately,15¢) (Z21.10.2b-1958 sold separately,25¢)	2.40
Z21.11-1956	Gas-Fired Room Heaters, Approval Requirements for, with Addenda Z21.11a-1957 and Z21.11b-1958 (Z21.11a-1957 sold separately, .....40¢) (Z21.11b-1958 sold separately, .....25¢)	2.65
Z21.12-1937 R1953	Draft Hoods, Listing Requirements for ...	.50
● Central Heating Gas Appliances, Approval Requirements for:		
Z21.13.1-1958	Steam and Hot Water Boilers, Volume I, ..	2.00
Z21.13.2-1958	Gravity and Forced Air Central Furnaces, Volume II	2.00
Z21.13.3-1956	Gravity and Fan Type Floor Furnaces, Volume III, with Addenda Z21.13.3a-1957 and Z21.13.3b-1958 (Z21.13.3a-1957 sold separately,40¢) (Z21.13.3b-1958 sold separately,50¢)	2.90
Z21.13.4-1958	Gravity and Fan Type Vented Recessed Heaters, Volume IV	2.00
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Z21.16-1957	Gas Unit Heaters, Approval Requirements for, with Addenda Z21.16a-1958 (Z21.16a-1958 sold separately,50¢)	2.50
Z21.17-1958 R1952	Domestic Gas Conversion Burners, Listing Requirements for	2.00
Z21.19-1942 R1953	Refrigerators Using Gas Fuel, Approval Requirements for	1.00
Z21.24-1955	Metal Connectors for Gas Appliances, Listing Requirements for, with Addenda Z21.24a-1956 (Z21.24a-1956 sold separately, .....20¢)	1.10
Z21.28-1956	Portable Gas Baking and Roasting Ovens, Approval Requirements for, with Addenda Z21.28a-1957 (Z21.28a-1957 sold separately, .....40¢)	2.40
Z21.30-1954	Installation of Gas Piping and Gas Appliances in Buildings (not applicable to Undiluted Liquefied Petroleum Gas) ...	.25
Z21.37-1948 R1957	Dual Oven Type Combination Gas Ranges, Approval Requirements for	1.00
Z21.38-1957	Installation of Gas Conversion Burners in Domestic Ranges, Requirements for ...	.25
Z21.39-1957	Gas Conversion Burners for Domestic Ranges, Listing Requirements for	2.00
Z60.1-1952	Nursery Stock — Horticultural Standards with Addendum Z60.1a-1955 (AAN) ...	.50
Z60.1a-1955	Nursery Stock (Horticultural Stock) Addendum to Z60.1-1952 (AAN)	Gratis
Z61.1-1949	†Home Cooking and Baking Utensils, Dimensions, Tolerances, and Terminology for35

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ISO Recommendations

The following publications of the International Organization for Standardization are available from the American Standards Association.

ISO No.		Price	ISO No.		Price
R1	Standard Reference Temperature for Industrial Length Measurements .....	.60	R33	Du Pont Constant Load Method of Measuring Abrasion Resistance of Vulcanized Natural and Synthetic Rubbers	1.20
R2	Designation of the Direction of Twist in Textile Yarns .....	.60	R34	Determination of Tear Strength of Vulcanized Natural and Synthetic Rubbers (Crescent Test Piece)	1.20
R3	Preferred Numbers—Series of Preferred Numbers	1.20	R35	Determination of the Mechanical Stability of Latex .....	.60
R4	International Code for the Abbreviation of Titles of Periodicals .....	.60	R36	Determination of the Adhesion of Vulcanized Natural or Synthetic Rubbers to Textile Fabrics .....	.60
R5	Diffuse Transmission Density (Photography) ...	2.70	R37	Determination of Tensile Stress-Strain Properties of Vulcanized Natural and Synthetic Rubbers	1.20
R6	Method for Determining Photographic Speed and Exposure Index	1.80	R38	Shipbuilding Details for Sea Navigation—Bollards (Vertical Type) with and without Lugs .....	.60
R7	Pipe Threads for Gas List Tubes and Screwed Fittings Where Pressure-Tight Joints Are Made on the Threads (1/4 Inch to 6 Inches)	1.80	R39	Shipbuilding Details for Sea Navigation—Anchor Chains—Lugless Joining Shackles, Kenter Type .....	.60
R8	Layout of Periodicals	1.20	R40	Shipbuilding Details for Sea Navigation and Inland Navigation—Anchor Chains—Studless Links .....	.60
R9	International System for the Transliteration of Cyrillic Characters	1.20	R41	Shipbuilding Details for Inland Navigation—Covers for Deck Openings for 220mm Pumps .....	.60
R10	Aircraft Connection for Ground Air-Conditioning .....	.60	R42	Shipbuilding Details for Inland Navigation—Mushroom Ventilators .....	.60
R11	Aircraft Pressure Cabin Ground Test Connection	1.20	R43	Aircraft Jacking Pads .....	.60
R12	Identification of Aircraft Pipelines	1.80	R44	Directions of Operation of Toggle Switches on Aircraft .....	.60
R13	Cast Iron Pipes, Special Castings and Cast Iron Parts for Pressure Main Lines	6.60	R45	Aircraft Pressure Refueling Connections60
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R15	Ball and Roller Bearings	4.80	R47	Aircraft Toilet Flushing and Draining Connections60
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R17	Guide to the Use of Preferred Numbers and of Series of Preferred Numbers	1.80	R49	Malleable Cast Iron Pipe Fittings Screwed in Accordance with ISO Recommendation R7 ...	4.80
R18	Short Contents List of Periodicals or Other Documents .....	.60	R50	Steel Sockets Screwed in Accordance with ISO Recommendation R7 Minimum Lengths .....	.60
R19	Shipbuilding Details for Sea Navigation—Deck Bolts .....	.60	R51	Shipbuilding Details for Inland Navigation Pipe Lines for the Transport of Combustible Liquids Nominal Diameters .....	.60
R20	Shipbuilding Details for Inland Navigation—Rivets for Hatches .....	.60	R52	Grooved Pulleys for V-Belts Groove Sections A, B, C, D, E	1.20
R21	Shipbuilding Details for Inland Navigation—Sprocket Wheels .....	.60	R53	Basic Rack of Cylindrical Gears for General Engineering .....	.60
R22	Widths of Flat Transmission Belts and Corresponding Pulleys .....	.60	R54	Modules and Diametral Pitches of Cylindrical Gears for General Engineering .....	.60
R23	Emulsion and Sound Record Positions in Camera—For 35mm Sound Motion Picture Film .....	.60	R58	Substances of Paper .....	.60
R24	Emulsion and Sound Record Positions in Projector—For 35mm Sound Motion Picture Film .....	.60	R63	Lengths of Flat Transmission Belts .....	.60
R25	Emulsion Position in Camera—For 16mm Silent Motion Picture Film .....	.60	R64	Steel Tubes Outside Diameters .....	.60
R26	Emulsion Position in Projector for Direct Front Projection of 16mm Silent Motion Picture Film .....	.60	R65	Steel Tubes Suitable for Screwing in Accordance with ISO Recommendation R7	1.20
R27	Emulsion and Sound Record Positions in Camera—For 16mm Sound Motion Picture Film .....	.60			
R28	Emulsion Position in Camera—For 8mm Silent Motion Picture Film .....	.60			
R29	Emulsion Position in Projector for Direct Front Projection of 8mm Silent Motion Picture Film60			
R30	Bibliographical Strip60			
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ISO Recommendations appear on page 47; IEC on page 48.

— A —

Abbreviations (*see also* Symbols)
 drawings Z32.13 (*see* Y32)
 periodicals, titles ISO R4
 scientific and engineering terms Z10.1 (*see* Y1)
 Abrasive discs and plate mounted wheels B5.35
 Abrasive wheels, safety code B7.1
 Abrasives, bonded, markings B5.17
 Accident prevention—*see* Safety standards
 Accuracy of engine lathes B5.16
 Acetate fabrics L14, L22
 Acoustics
 analyzers Z24.15
 audiometers Z24.5, Z24.12, Z24.13
 earphones, calibrations Z24.9
 hearing aid characteristics Z24.14
 loudspeaker testing C16.4
 measurement of airborne-sound transmission loss of
 building floors and walls Z24.19
 measurement of real-ear attenuation of ear protectors
 at threshold Z24.22
 microphones
 calibration Z24.4, Z24.11
 pressure Z24.8
 noise measurement Z24.7, Z24.10, Z24-X-2
 shock and vibration measurement Z24.21
 shock testing machine, lightweight equipment Z24.17
 sound level meters Z24.3
 symbols, letter Y10.11
 terminology Z24.1
 transducers, calibration Z24.24
 ultrasonic therapeutic equipment Z24.18
 Adapters, machine tools B5.5, B5.11
 Adding machine paper rolls X2.4.2
 Administrative requirements for building codes A55.1
 Aeronautical sciences, letter symbols Y10.7
 Aggregates
 abrasion test A37.7
 amount of material finer than No. 200 sieve A37.4
 clay lumps A37.28
 inorganic for interior plaster A107.1
 lightweight pieces A37.25
 sieve analysis, fine and coarse A37.8
 soundness A37.23
 specific gravity and absorption A37.5, A37.6
 surface moisture A37.21
 swell characteristics A37.66
 unit weight A37.16
 Air-conditioning symbols, graphical Z32.2.4 (*see* Y32)
 Aircraft details ISO R10, R11, R12, R43, R44, R45, R46, R47
 Air cylinders and adapters, rotating B5.5
 Air gaps in plumbing systems A40.4
 Allowable concentrations of toxic dusts and
 gases—*see* Toxic dusts and gases

Aluminum, wrought alloy designation H35.1
 Analyzers, sound and vibration Z24.15
 Antennas
 definitions C16.21
 testing C16.11
 Antifreezes, engine D14
 Aprons
 fabrics L24
 safety
 asbestos L18.14
 flame-resistant fabric L18.21
 leather L18.1
 women's industrial
 bungalow L17.1
 long style L17.3
 Arbors B5.18
 Architectural plans, graphical electrical symbols Y32.9
 Areas, methods of determining Z65
 Ash, test for A37.68
 Asphalt
 cement, road A37.71
 cut-back A37.45, A37.53, A37.54
 emulsified A37.42, A37.55
 felt, asbestos, roofing A109.4
 felt, roofing A109.2
 heating loss A37.32
 plank A37.48
 primer, for use with A109.1
 solid, handled in fragments A37.72
 spot test A37.67
 Attachment plugs and receptacles, electrical C73
 Audio apparatus IEC 89
 Audiometers Z24.5, Z24.12, Z24.13
 Automatic stations C37.2
 Automobiles (*see also* Traffic)
 antifreezes, engine D14
 auxiliary machines IEC 101
 control equipment, electrical IEC 77
 electric transmission, diesel engines IEC 102
 glass, safety Z26.1
 inspection requirements D7.1
 radio interrupters and rectifiers C83.20
 trucks, industrial power, safety code B56.1
 Auxiliary machines on motor vehicles IEC 101
 Awnings, fabrics L24

— B —

Backflow preventers in plumbing systems A40.6
 Bakery equipment, safety code Z50.1
 Ball and roller bearings B3, ISO R15
 Bars
 aluminum, electrical purposes C7.27, IEC 105
 brass H18.1, H33.1
 concrete reinforcement
 axle-steel G43.1

Bars, concrete reinforcement (*Continued*)

billet-steel	A50.1
fabricated steel	G44.1
rail-steel	A50.2
copper-base alloy	H7.1
electrolytic copper wire	H17.2
lake copper wire	H17.1
zinc coating	G8.1
Bath mats, fabrics	L24

Batteries

dry cell	C18.1
lead-acid starter	IEC 95
primary cells	IEC 86
storage	C40

Bearings and bearing metals

ball and roller	B3, ISO R15
bridge and other structural uses	H31.1
locomotive	H29.1

Bedding

bedspreads, fabrics	L24
blankets, fabrics	L24
electrically heated	C33.7
filling materials, definitions	
cotton	L12.1
miscellaneous	L12.4
wool	L12.2
sheets and pillowcases	L4.1

Belts

Benzene

allowable concentration	Z37.4
test for, by ultraviolet spectrophotometry	Z11.70

Beta ray sources, industrial safety

Bibs (safety)

asbestos	L18.15
leather	L18.2, L18.6

Binders board

Bitumen and bituminous materials

determination of	A37.3
ductility	A37.11
float test	A37.2
mixing plant inspection	A37.43
penetration test	A37.1
percentage test	A37.64
proportion soluble in carbon tetrachloride	A37.12
protective coatings	A109.11
saturated fabrics	A109.12
softening point (ring-and-ball method)	A37.10

Blades, straight cut-off

Blankets

fabrics	L24
rubber insulating	J6.4

Blanks

carbide	B5.36
circular and dovetail forming	B5.7

Blocks, wood

flooring	O10.1
paving	O9.1

Blower and exhaust systems

Body sizes for boys' garments

Boilers

Bolts and bolting materials

alloy steel	G38.1
coal mine roofs	M30.1
internal wrenching	B18.8
plow	B18.9
round head	B18.5
screw threads	B1.1, B1.4
square and hexagon	B18.2
track	B18.10

Bonding and grounding equipment

Bookcloths

Braid

Brass, hardness conversion table

Brick

building	A75.1, A78.1, A98.1, A99.1, A101.1
paving	A37.15
refractory	A111
sampling and testing	A82.1
sewer	A100.1

Bridge

bearings, rolled copper-alloy	H31.1
steel	G24.1

Brinell hardness

Broilers, gas unit

Brushes, electrical machines

Buffing—see Grinding, polishing, and buffing

Building code requirements

administrative	A55.1
earthquakes	A58.1
excavations and foundations	A56.1
gypsum concrete, reinforced	A59.1
hurricanes	A58.1
joist construction, steel	A87.1
light	A53.1
loads, minimum design	A58.1
masonry	A41.1
radio and television towers	A58.1
reinforced concrete	A89.1
signs and outdoor display structures	A60.1
steel, structural	A57.1
ventilation	A53.1

Building construction

fire tests	A2
safety code	A10.2

Building exits code

Building materials—see specific subjects; e.g., Brick, Concrete, Dimensions, Steel, Tile, etc

Bulbs, lamp

Bushings, apparatus, electrical

Butadiene—see Petroleum products and lubricants, tests

- C -

Cable—see Wire (including cable)

Cableways, conveyors, and related equipment,

safety code

Calcium chloride

Cameras and camera equipment

Canopies, fabrics

Cans—see Containers

Capacitances

Capacitors

Carbon disulfide, allowable concentration

Carbon monoxide, allowable concentration

Carbon tetrachloride, acceptable concentration

Cards, index and record-keeping

Cast iron

gray-iron castings

malleable iron

castings

cupola

pipe and piping—see Pipe and Piping

Cement

hydraulic

mortars

normal consistency

sampling

soundness over boiling water

specific gravity

time of setting

masonry

oxychloride

portland

air content

Cement, portland (*Continued*)

- air-entrainingA1.16
- autoclave expansionA1.8
- chemical analysisA1.5, A1.6
- finenessA1.7
- heat of hydrationA1.10
- plasteringA42.3
- stuccoA42.2
- sandA37.34
- Certification**
 - fabricsL24
 - proceduresZ34.1
- Chains, transmissionB29
- Chair, posture, definitionX2.1.4
- Characteristics of pickups, shock and vibration measurementZ24.21
- Charts and graphs**
 - engineering and scientific charts for lantern slidesZ15.1 (*see* Y15)
 - engineering and scientific graphs for publicationsZ15.3 (*see* Y15)
 - time-series chartsZ15.2 (*see* Y15)
- Chemical engineering, letter symbolsY10.12
- Chemicals
 - pest controlK62
 - photographicPH4
- Children's hazards, from surface coating materialsZ66.1
- Chip boardCS49
- Chromic acid and chromates, allowable concentrationZ37.7
- Chromium platingG53
- Chucks and chuck jaws for turret lathes and automatic lathesB5.8
- CinematographyPH22
- Circuit breakersC37; IEC 54, 56
- Circular and dovetailed forming tool blanksB5.7
- Cloth, shrinkage, woven cottonL10
- Clothing**
 - body sizes for boys' garmentsL11.1
 - fabricsL22, L24
 - flammability of textilesL14.69
 - linemen's rubber protectiveJ6
 - protective occupational (safety)L18
 - women's industrialL17
- Coal**
 - classificationM20.1, M20.2
 - cubic-foot weight testK20.1
 - definitions, bituminous and subbituminousM20.4
 - mines
 - drainageM6.1
 - installing and using electrical equipmentM2.1
 - rail haulage roadsM7.3
 - rock-dustingM13
 - roof bolting materialsM30.1
 - sampling and analysisK18.1
 - screen analysis, sizesM20.3
- Coats**
 - asbestosL18.17
 - fabricsL24
 - flame-resistant fabricL18.23
 - leatherL18.4
- Coke**
 - cubic-foot weight testK20.2
 - sampling and analysisK18.1
 - shatter testK20.4
 - tumbler testK20.3
 - volume of cell spaceK20.5
- Color (*see also* Pigments)**
 - accident prevention signsZ35.1
 - building exits codeA9.1
 - cast stoneCS53
 - chipsZ35.1
 - codes, electronic componentsC83.1

Color (*Continued*)

- foundry patterns of woodB45.1
- gas mask canisters, identificationK13.1
- grays, standardZ55.1
- marking physical hazards, identification of equipmentZ53.1
- measurementZ58.7.1, Z58.7.2, Z58.7.3
- nomenclature and definitions, colorimetry fieldZ58.1.2
- pipng systems, identificationA13.1
- pushbuttonsIEC 73
- refined oilZ11.35
- resistors, codeIEC 62
- Colorfastness**L14, L22
- Commercial standards**
 - binders boardCS50
 - bookclothCS57
 - chip boardCS49
 - gage blanksB47.1
 - marking
 - gold filled and rolled gold plateZ31
 - karat goldCS67
 - silver in combination with goldCS51
 - mattresses
 - hospitalCS54
 - institutionCS55
 - stone, cast, colors, and finishes forCS53
 - wood, foundry patterns, color systemB45.1
- Communications, electrical termsC42.65
- Compressed air machinery and equipment, safety codeB19
- Computer, photographic exposurePH2.7
- Concrete**
 - building brickA75.1
 - compression testingA37.17, A37.18, A37.20, A37.24
 - coresA37.31
 - flexure testingA37.17, A37.20, A37.22, A37.24
 - floors, formsA48
 - freshly mixed, air contentA37.70
 - gypsumA59.1
 - masonry unitsA73.1, A79.1, A80.1, A81.1, A84.1
 - portland cementA37.26, A37.29
 - ready-mixedA37.69
 - samplingA37.30
 - sands, organic impuritiesA37.19
 - steel reinforcement
 - barsA50.1, A50.2, G43.1, G44.1
 - building regulationsA89.1
 - spiralsA38
 - wireA50.3, G45.1
 - voids in fine aggregateA19
 - weight and air contentA37.27
- Conductors, bare electrical—*see* Wire (including cable)
- ConduitC80
- ConnectorsC33.5
- Construction safety codeA10.1, A10.2
- Containers**
 - compressed gas, markingZ48.1
 - drums and pailsMH.2
 - motor oilB64
- Control apparatus, electrical**
 - automatic stationsC37.2
 - industrialC19.1
 - railwayC48.1
- Control equipment, electrical**
 - definitionsC42.25
 - motor vehiclesIEC 77
- Converters, mercury-arc powerIEC 84
- Converters, pool cathode mercury-arc powerC34.1
- Conveyors**
 - definitionsMH4.1
 - safety codeB20.1
- Cooking utensilsZ61.1
- Copper**
 - bars—*see* Bars

Copper (Continued)

- bearings, plates, sheets for bridges H31.1
- fittings B16.22
- pipe H26.1
- resistance IEC 28
- rods C7.7, H7.1
- water tube H23.1
- wire—*see* Wire (including cable)
- Cord—*see* Wire (including cable)
- Cotton mats, curing concrete pavements A37.60
- Coveralls
 - safety, flame-resistant fabric L18.25
 - women's industrial L17.2
- Cranes, safety code B30.2
- Crystals, piezoelectric C83.3
- Cups, measuring Z61.1
- Current ratings, electrical IEC 59
- Curtains, fabrics L24
- Cylinders, compressed gas
 - valve outlet and inlet connections B57.1
- Cylindrical parts, preferred limits and fits B4.1
- Cyrillic characters, transliteration ISO R9

— D —

Decimal system

- dimensioning Z75.1
- inch-millimeter conversion B48.1
- numerical values, rounding off Z25.1
- thicknesses of metals B32.1

Definitions

- acoustical measurements, terminology Z24.1
- bedding and upholstery, filling materials
 - cotton L12.1
 - miscellaneous L12.4
 - wool L12.2
- chair, posture X2.1.4
- colorimetry field Z58.1.2
- communications, electrical C42.65
- control equipment, electrical C42.25
- conveyors MH4.1
- cooking utensils Z61.1
- crystals, piezoelectric C83.3
- electrical C42, IEC 50
- electrobiology including electrotherapeutics C42.80
- electrochemistry and electrometallurgy C42.60
- electron devices C42.70
- facsimile C16.30
- film, motion picture, nomenclature Z22.56 (*see* PH22)
- fuel, solid and liquid Z67.1
- gear, nomenclature B6.10, B6.12
- glass bulbs, nomenclature C79.1
- glass flares, nomenclature C79.2
- hardwoods and softwoods O4.6
- illuminating engineering Z7.1
- instruments, meters, and meter testing, electrical C42.30
- milling cutters B5cl, B5.3
- mining, electrical C42.85
- nuclear science and technology N1.1
- panels and panel mounting C83.9
- petroleum terms Z11.28
- photometry Z58.1.1
- radiometry Z58.1.1
- refrigeration B53.1
- regulators, reactors and rectifiers C42.15
- road and pavement materials A37.33
- rotating electrical machinery C42.10
- screw threads B1.7
- switchgear C42.20
- textile materials L14.12
- timber O4.5
- tools, single-point B5.22
- transformers C89.1
- transmission and distribution, electrical C42.35

Definitions (Continued)

- transportation, electrical C42.40, C42.41, C42.42, C42.43
- vener and plywood O7.2
- vibrator, piezoelectric C83.17
- welding and cutting, electrical C42.50
- wire and cable C8.1
- Derricks, safety code B30.2
- Desks, office X2.1.1
- Detergents (*see also* Soaps)
 - chemical analysis and sampling K60.21
 - soda ash K60.11
 - soda, caustic K60.10
 - soda, modified K60.17
 - sodium metasilicate K60.18
 - sodium sesquiosilicate K60.19
 - tetrasodium pyrophosphate K60.20
 - trisodium phosphate K60.12
- Diamond
 - dressing tools B67.1
 - pyramid hardness Z76
 - wheel shapes, identification code B74.1
- Dictating machines X2.5.16, X2.5.17, X2.5.18, X2.5.19
- Dimensions, building materials, coordination of A62.1
- Distribution and transmission, electrical terms C42.35
- Drapery, fabrics L24
- Drawings
 - abbreviations Z32.13 (*see* Y32)
 - drafting room practice Y14
 - graphical symbols—*see* Symbols
 - graphs and charts—*see* Charts and graphs
- Dresses, women's industrial L17.1, L17.4
- Drill drivers B5.27
- Drinking fountains Z4.2
- Driving and spindle ends B5.38
- Drums, metal MH2
- Dry cells and batteries C18.1
- Dryers, gas, clothes Z21.5
- Dumbwaiters, safety code A17.1, A17.1a
- Dungarees
 - fabrics L24
 - women's industrial L17.2
- Dust control, explosions, and ignitions
 - aluminum bronze powder Z12.11
 - coal pneumatic cleaning plants Z12.7
 - confectionery plants Z12.18
 - flour and feed mills Z12.3
 - grain elevators Z12.4, Z12.13, Z12.14
 - magnesium powder Z12.15
 - plastics industry Z12.16
 - pulverizing systems
 - fuel Z12.1
 - sugar and cocoa Z12.6
 - spice grinding plants Z12.9
 - starch factories Z12.2
 - sulphur Z12.12
 - wood flour establishments Z12.8
 - woodworking plants Z12.5
- Dusts and gases—*see* Toxic dusts and gases, allowable concentrations

— E —

- Ear protectors, measurement of real-ear attenuation at
 - threshold Z21.22
- Earphones, calibration Z24.9
- Earthquakes, building code requirements A58.1
- Electrical code, National C1
- Electrical machinery, rotating C35.1, C50, IEC 34
- Electrical safety code, National C2
- Electrical terms, definitions C42
- (Additional standards in the electrical field will be found under specific headings such as Automatic stations; Circuit breakers; Control apparatus; etc. Many of these also contain sections defining the terms used)

Electrobiology, definitionsC42.80
 Electrochemistry and electrometallurgy, definitionsC42.60
 Electrodeposited coatingsG53
 Electronics
 antennas
 definitionsC16.21
 testingC16.11
 auto, interrupters and rectifiersC83.20
 capacitancesC60, IEC 100
 capacitorsC55.1, C83.4, C83.11, C83.15
 color codes, componentsC83.1
 components for radio communicationIEC 68
 connectors, cable, audio and radioC83.12
 counter tubes, gas filled radiation, testingC60.11
 crystals, piezoelectricC83.3
 electron devices
 definitionsC42.70
 methods of measuring noiseC60.13
 electron tubesC60, IEC 67
 equipment, componentsC83.2
 facsimile, definitionsC16.30
 interference, measuringC63.1
 lamps, panelC83.8
 loudspeaker, testingC16.4
 measurement of gain, amplification, loss, attenuation
 and amplitude-frequency-responseC16.29
 meters, radio noiseC63.2, C63.3
 panels and panel mounting racks, nomenclatureC83.9
 pulse quantities, measurementC16.28
 radio aids, navigationC16.26
 radio-frequency cablesIEC 78, 96
 receivers
 broadcast (AM), testingC16.19, IEC 69
 broadcast (FM), testingC16.12, C16.12a
 televisionC16.25, C16.25a
 vehicular communications, testingC16.18
 receiving appliances, power-operatedC65.1, IEC 65
 resistorsC83.6, C83.7, C83.13
 rheostatsC83.13
 symbols, letter, radioY10.9
 transmission linesC83.14, C83.21
 vacuum tubesC60
 vibrators, piezoelectricC83.17
 vocabulary, internationalIEC 50
 volume measurement, electrical speech and program
 wavesC16.5
 wave guidesC16.21, C83.10, C83.19
 Electrotherapeutics, definitionsC42.80
 Elevators, safety code and inspection A17.1, A17.1a, A17.1.5, A17.2
 Engine lathes, accuracyB5.16
 Escalators, safety codeA17.1, A17.1a
 Excavations, building code requirementsA56.1
 Exciters, electricalC50
 Exhaust systemsZ9, Z33.1
 Eyes, protection ofZ2

— F —

Facsimile, definitionsC16.30
 FeltL14.52
 FiberboardsO8.1
 Filler
 cement groutA37.74
 mineralA37.14, A37.41
 preformed expansionA37.49
 Film, photographicPH1, PH22
 (see also Processing, photographic)
 Filter blockA102.1
 Finishes, gray, industrial apparatus and equipmentZ55.1
 Fire prevention safety standards
 blower and exhaust systemsZ33.1

Fire prevention safety standards (Continued)

 building construction and materials,
 fire testsA2
 building exits codeA9.1
 dust control, explosions, and ignitionsZ12
 electrical code, NationalC1
 electrical safety code, NationalC2
 lightning protectionC5
 pulverizing systems
 fuelZ12.1
 sugar and cocoaZ12.6
 welding, gas and electricZ49.1
 Fits and limitsISA Bulletin 25
 Fits and limits, preferredB4.1
 Flameproof enclosures of electrical apparatusIEC 79
 Flammability of clothing textilesL14.69
 Flash point
 closed testerZ11.7, Z11.24
 open cupA37.65, Z11.6
 Flatirons, household automatic electricC70.1
 Floors and flooring
 compositionA88
 forms, concrete joist constructionA48
 safety code for floor openingsA12
 wooden blockO10.1
 Flow measurementISA Bulletins 9, 12
 Flue linings, clay, sizesA62.4
 Fluid power diagrams, graphical symbolsY32.10
 Flutter content, sound recorders and reproducersZ57.1
 Forging and hot metal stampingB24.1
 Formaldehyde, allowable concentrationZ37.16
 Foundations, building code requirementsA56.1
 Foundries
 patterns of wood (color)B45.1
 protection of workersB8
 Freezers, home, rating and testingB38.3
 Fryers, gas, deep fatZ21.27
 Fuel systems, pulverizedZ12.1
 Fuels (see also Coal; Petroleum products and lubricants)
 gaseousZ68.1, Z69.1, Z77.3
 solid and liquidZ67.1
 Furnaces, gas
 ductZ21.34
 floor, gravity and fan-typeZ21.13.3
 gravity and forced airZ21.13.2
 Furniture, officeX2
 Furring and lathingA42.4

— G —

Gages
 blanksB47.1
 pressure and vacuumB40.1
 screw threadB1.2
 wire and sheet metalB32.1
 Gaging practice
 ball and roller bearingsB3.4
 splines and serrationsB5.31
 Garment sizes, boys'L11.1
 Gas
 appliances, approval and installation requirements
 boilersZ21.13.1, Z21.33
 broilers, unitZ21.3
 central heatingZ21.13
 connectors, metalZ21.24
 conversion burnersZ21.8, Z21.17, Z21.38, Z21.39
 counterZ21.31
 draft hoodsZ21.12
 dryers, clothesZ21.5
 fryers, deep fatZ21.27
 furnacesZ21.13.2, Z21.13.3, Z21.34
 gum protective devicesZ21.35
 heatersZ21.10.1, Z21.10.2, Z21.11, Z21.13.4, Z21.16

Gas appliances, approval and installation requirements (Continued)

- hose for portable Z21.2
- hot plates Z21.9
- in buildings Z21.30
- incinerators Z21.6
- laundry stoves Z21.9
- ovens, baking and roasting Z21.28
- pilots, automatic Z21.20
- ranges**
 - domestic Z21.1.1, Z21.1.2
 - dual oven type combination Z21.37
 - hotel and restaurant Z21.3
- refrigerators Z21.19
- regulators, pressure Z21.18
- temperature limit controls Z21.29
- thermostats Z21.23
- valves Z21.15, Z21.21, Z21.22
- containers or cylinders for compressed
 - marking Z48.1, ISO R32
 - valve connections B57.1
- mask canisters, identification K13.1
- natural, analysis and sampling Z77
- pipng, in buildings Z21.30
- Gaseous fuels Z68.1, Z69.1, Z77.3
- Gaskets B16.20, B16.21
- Gasoline—see Petroleum products and lubricants, tests
- Gears**
 - bevel B6.8, B6.13
 - cylindrical ISO R53, R54
 - fine-pitch, inspection B6.11
 - helical B6.7
 - letter symbols B6.5
 - nomenclature B6.10, B6.12
 - spur B6.1, B6.7
 - tolerance and inspection B6.6
 - worm B6.9
- Generators, electrical C50
- Glass**
 - bulbs, nomenclature C79.1
 - flares, nomenclature C79.2
 - safety, motor vehicles Z26.1
- Gloves**
 - asbestos L18.9, L18.10
 - chemical-resistant L18.29
 - leather J6.3, L18.7, L18.8
 - rubber insulating J6.6
- Gold marking Z31, CS67
- Grade crossings, highway D8.1
- Graduates, photographic PH4.9
- Grandstands Z20.3
- Granite block A37.35, A37.39, A37.40
- Graphical symbols—see Symbols
- Graphs and charts—see Charts and graphs
- Grays (color), finishes Z55.1
- Grease—see Petroleum products and lubricants, tests
- Grinding machines B5.32, B5.33
- Grinding, polishing, and buffing equipment
 - sanitation Z43
- Grinding wheels and other bonded abrasives, markings, ... B5.17
(see also Abrasive wheels)
- Grounding and bonding equipment C33.8
- Gypsum**
 - board
 - sheathing A68.1
 - wall A69.1, A97.1
 - concrete, reinforced A59.1
 - Keene's cement A66.1
 - lath A67.1
 - molding plaster A49.4

Gypsum (Continued)

- partition tile or block A105.1
- plastering A42.1
- plasters A49.3, A107.1
- specifications for A49.1
- testing A70.1

- H -

- Hardness test, conversion tables Z76
- Heads and eyes, protection of Z2
- Health standards—see Safety standards
- Hearing aids
 - measurement of characteristics Z24.14
 - plugs, polarized IEC 90
- Heat and thermodynamics, letter symbols Y10.4
- Heat-power apparatus, graphical symbols, ... Z32.2.6 (see Y32)
- Heaters**
 - electric
 - water C72.1
 - gas
 - gravity and fan-type, vented recessed Z21.15.4
 - room Z21.11
 - unit Z21.16
 - water Z21.10.1, Z21.10.2
- Heating, symbols, graphical Z32.2.4 (see Y32)
- Highway—see Street and highway
- Hoists, safety code B30.2
- Hoods, rubber insulator J6.2
- Hose**
 - fire
 - cotton, rubber-lined L3.1
 - couplings, screw threads B26, B33.1
 - line
 - rubber insulating J6.1
- Hosiery, snag resistance L14.85
- Hot plates, gas Z21.9
- Hurricanes, building code requirements A58.1
- Hydraulics, letter symbols Y10.2
- Hydrocarbons and related compounds, physical and
thermodynamic properties Z78.1
- Hydrogen sulfide, allowable concentration Z37.2

- I -

- Identification code, diamond wheel shapes B74.1
- Illuminating engineering, definitions C42.55, Z7.1
- Inch-millimeter conversion B48.1
- Incinerators, gas Z21.6
- Indiana limestone A93.1
- Indicating instruments, electrical C39.1, C39.3
- Industrial health and safety standards—see Safety standards
- Injury experience, work Z16.1
- Instruments, electrical**
 - definitions C42.30
 - direct-acting recording C39.2
 - indicating C39.1, C39.3
 - measuring C39.4
- Insulating materials C59, IEC 74
- protective equipment J6
- Insulation coordination IEC 71
- Insulators C29; IEC 75, 87
- Iron—see Cast iron; Malleable iron

- J -

- Jackets, women's industrial L17.3
- Jacks, safety code B30.1
- Jig bushings B5.6
- Joist construction, steel A87.1

- K -

- Kerosine—see Petroleum products and lubricants, tests
 Keys—see Shafting
 Kitchen equipment Z61.1
 Knurling B5.30

- L -

- Labeling, textiles L22, L24
 Ladders A14, M12.1
 Lamps
 bactericidal C78
 caps and holders IEC 61
 fluorescent C78, C82; IEC 81, 82
 glass bulbs, nomenclature C79.1
 glass flares, nomenclature C79.2
 holders and bases, screw threads C81.1
 incandescent C78, IEC 64
 mercury C78
 miniature C78
 panel C83.8
 photo C78
 photographic flash PH2.13
 Lantern slides, charts Z15.1 (see Y15)
 (see also Photography, apparatus)
 Lathes B5.8, B5.9, B5.16, B5.21
 Lathing and furring A42.4
 Laundry machinery and operations, safety code Z8
 Laws and ordinances, state Z56
 Lead
 allowable concentration Z37.11
 blue, basic sulfate K48
 dry red K16.1
 red K24
 white, basic carbonate K23.1
 white, basic sulfate K47.1
 Leggings (safety)
 asbestos L18.16
 flame-resistant fabric L18.22
 leather L18.3
 Lenses, camera PH3
 Life tests of single-point tools B5.19, B5.34
 Lighting
 building code requirements A53.1
 industrial A11.1
 protective A85.1
 schools A23.1
 street and highway D12.1
 Lightning
 arresters C62.1, IEC 99
 protection
 buildings C5.2
 persons C5.1
 structures containing flammable liquids and gases C5.3
 Limestone, Indiana A93.1
 Limits and fits ISA Bulletin 25
 Limits and fits, preferred B4.1
 Linseed oil
 boiled K35.1
 raw K34.1
 Loads, minimum design A58.1
 Locomotives
 bearings H29.1
 railway, electrical machinery C35.1
 steel C39.1
 wearing parts H28.1
 Logging
 electric, symbols Y10.15
 safety code B13
 Lubricants—see Petroleum products and lubricants, tests
 Lugs C33.5
 Lumber—see Timber

- M -

- Machine tools—see Tools, machine
 Machines
 electrical C33.2, C35.1, C42.10, C50; IEC 34, 53, 85
 shock testing, lightweight equipment Z24.17
 Malleable iron
 castings G48.1
 cupola G49.1
 Manganese, allowable concentration Z37.6
 Manhole frames and covers A35.1
 Manlifts, safety code A90.1
 Marble A94
 Marking
 articles
 gold filled and rolled gold Z31
 karat gold CS67
 silver in combination with gold CS51
 compressed gas containers Z48.1
 grinding wheels, bonded abrasives B5.17
 Masonry
 building code requirements A41.1
 cement A1.3
 coordination of, basis for A62.2
 units
 A62.3, A73.1, A79.1, A80.1, A81.1, A84.1, A98.1, A99.1, A101.1,
 A103.1
 Mathematical letter symbols Z10f (see Y10)
 Mattresses
 hospitals CS54
 institutions CS55
 Measurement
 of airborne-sound transmission loss of building floors and
 walls Z24.19
 of gain, amplification, loss attenuation and amplitude-fre-
 quency-response C16.29
 of real-ear attenuation of ear protectors at threshold Z24.22
 Measuring flow of fluids ISA Bulletins 9, 12
 Measuring instruments, electrical C39.4
 Mercury, allowable concentration Z37.8
 Metal mines, electrical equipment M24
 Metals, preferred thicknesses B32.1
 (For additional standards on metals see Aluminum; Bars;
 Bearings and bearing metals; Bolts and bolting materials; Cast
 iron; Copper; Lead; Malleable iron; Steel)
 Meteorology, symbols, letter Y10.10
 Meters
 definitions, electrical C42.30
 electrical indicating instruments C39
 electricity (watt hour) C12, IEC 43
 photographic exposure PH2.12
 radio noise C63.2, C63.3
 sound level (noise) Z24.3
 Methanol, allowable concentration Z37.14
 Methyl chloride, allowable concentration Z37.18
 Mica C59.26, C59.27
 Microfilm PH5
 Microphones
 calibration Z24.4, Z24.11
 pressure Z24.8
 Microscope objective thread B1.11
 Millimeter, inch, conversion B48.1
 Milling
 cutters B5c1, B5.3, B5.23
 machines B5.18
 Mines, coal—see Coal mines
 Mines, metal—see Metal mines
 Minimum design loads in buildings A58.1
 Mining, electrical definitions C42.85
 Mittens (Safety)
 asbestos L18.11, L18.12, L18.20
 leather L18.18, L18.19
 Modular coordination A62

- Mortars**
 hydraulic-cementA1.4, A1.14
 portland-cementA1.9
 refractoryA1.11
 Motion pictures, .PH22; ISO R23, R24, R25, R26, R27, R28, R29
 Motor vehicles—see Automobiles
 Motors, electricalC50; IEC 48, 72

— N —

- Naphtha—see Petroleum products and lubricants, tests
 Napkins, fabricsL24
 National electrical codeC1
 National electrical safety codeC2
 Navigation, radio aidsC16.26
 Nickel, hardness conversion tableZ76.3
 Nitrogen, oxides, allowable concentrationZ37.13
 Noise measurement—see Acoustics
 Nomenclature—see Definitions
 Nuclear science and technologyN1.1
 Numerical values, rounding offZ25.1
 Nursery stockZ60.1, Z60.1a
 NutsB18.2, B18.10

— O —

- Office buildings, methods of determining areasZ65.1
 Office equipment and suppliesX2
 Oil—see Insulators and insulating materials; Linseed oil;
 Petroleum products and lubricants, tests
 Oil cansB64
 Ordinances—see Laws and ordinances, state
 Ores, screen testingM5
 Ovens, baking and roasting, gasZ21.28
 Overall
 fabricsL24
 leather (safety)L18.5
 women's industrialL17.2
 Oxychloride compositionsA88

— P —

- Pads, electrically heatedC33.7
 Pails, metalMH2
 Paints—see Color; Pigments
 Pans, bakingZ61.1
 Pants, fabricsL18.24, L24
 Paper
 bond, sizesX2.2.1
 cards, index and record-keepingX2.4.1
 index bristols, sizesX2.2.1
 photographicPH1
 ring, memo, and post binder sheet, sizesX2.4.3
 rolls for adding machinesX2.4.2
 subgradeA37.61
 substanceISO R58
 Paper and pulp mills, safety codeP1.1
 Patterns, foundry (color)B45.1
 Paving materials—see specific headings, e.g., Asphalt; Blockers;
 Granite block; Concrete, etc
 Paving plant inspectionA37.43
 Penetration test
 bituminous materialsA37.1
 residueA37.13
 Periodicals
 bibliographic stripISO R30
 contents listISO R18
 layoutISO R8
 reference data and arrangementZ39.1
 title abbreviationsISO R4

- Pest control chemicals, common namesK62
 Petroleum products and lubricants, tests
 aircraft fuelsZ11.82
 ash contentZ11.54
 autogenous ignition temperaturesZ11.23
 benzene, by ultraviolet spectrophotometryZ11.70
 burning quality
 kerosine oilsZ11.17
 long-time burning oil for railway useZ11.19
 mineral seal oilZ11.18
 butadiene
 acetylene testZ11.74
 boiling point rangeZ11.80
 carbonyl contentZ11.81
 determination of contentZ11.66
 dimer testZ11.79
 in C4Z11.95
 nonvolatile residueZ11.76
 residue separationZ11.75
 carbon residue
 (Conradson)Z11.25
 (Ramsbottom)Z11.47
 carbonizable substances
 in mineral oilZ11.49
 in paraffin waxZ11.50
 cloud and pour pointsZ11.5
 color, refined oilZ11.35
 crankcase oilZ11.29, Z11.78
 definition of termsZ11.28
 distillation of crude petroleumZ11.32
 flash pointsZ11.6, Z11.7, Z11.24
 freezing pointsZ11.88, Z11.89
 fuel oil, sedimentZ11.58
 gas oilsZ11.26
 gasoline
 aromatic hydrocarbons in olefin-freeZ11.86
 detection, free sulfurZ11.21
 distillationZ11.10, Z11.11, Z11.77
 oxidation stabilityZ11.60, Z11.63
 tetraethyl, lead inZ11.48, Z11.98
 gravityZ11.31, Z11.84, Z11.96
 grease
 analysisZ11.16
 effect of copper on oxidation rateZ11.99
 gum in fuelsZ11.36
 hydrocarbon liquidsZ11.62, Z11.97
 insulating oilsC59
 interfacial tension, oil against waterZ11.64
 kerosine
 distillationZ11.10
 oils, burning qualityZ11.17
 knock testZ11.94
 liquefied petroleum gasesZ11.91, Z11.92
 lubricating grease
 cone penetrationZ11.3
 dropping pointZ11.51
 evaporation lossZ11.93
 oxidation stabilityZ11.65
 viscosityZ11.72
 lubricating oils
 analysis for metalsZ11.56
 evaporation lossZ11.93
 precipitation numberZ11.30
 sodiumZ11.73
 sulfated residueZ11.57, Z11.68
 measurement tables, ASTM-IPZ11.83
 motor fuels, knock characteristicsZ11.37, Z11.69
 naphtha, distillationZ11.10
 neutralization value, potentiometric titrationZ11.59
 olefinic plus aromatic hydrocarbons in distillatesZ11.71
 oxygen in butadiene vaporsZ11.90

Petroleum products and lubricants, tests (Continued)

paraffin wax	
melting point	Z11.4
oil content	Z11.52
petrolatum	
melting point	Z11.22
pharmaceutical	Z11.61
plant spray oils	
distillation	Z11.43
unsulfonated residue	Z11.41
sampling	Z11.33
saponification number	Z11.20, Z11.67
steam-turbine oils	Z11.85, Z11.87
Stoddard solvent	Z11.42
sulfur, bomb method	Z11.13
toluene, by ultraviolet spectrophotometry	Z11.70
vapor pressure	Z11.44
viscosity	A37.63, Z11.2, Z11.39, Z11.45, Z11.46, Z11.53
water	Z11.9

Petroleum reservoir engineering symbols

Y10.15

Photography

apparatus	PH3
chemicals	PH4
films	PH1
motion pictures	PH22
papers	PH1
plates	PH1
processing	PH4
reproduction of documents	PH5
sensitometry	PH2; ISO R5, R6
television, picture area, film	PH22

Photometric standards

Z7.1

Photometry definitions

Z58.1.1

Physics, letter symbols

Z10.6 (see Y10)

Pigments (see also Color)

bleeding	K52
bone black	K36.1
chrome green	K28.1
chrome oxide green	K37.1
chrome yellow and orange	K27.1
coarse particles	K42.1
hygroscopic moisture	K53
iron blue	K29.1
iron oxide, mineral	K25
lampblack	K26.1, K55.1
lead	
blue, basic sulfate	K48
dry red	K16.1
red	K24
white, basic carbonate	K23.1
white, basic sulfate	K47.1
mercuric oxide, dry	K59
oil absorption	K54
para red toner	K49.1
specific gravity	K41
tinting strength	
mass color	K57
white	K56.1
titanium dioxide	K45
white, analysis	K15.1
yellow, orange, and green	K58.1
yellow, orange, red, and brown	K44.1
zinc oxide	K22.1
zinc yellow (zinc chromate), C.P.	K50.1
Piles, round timber	O6.1
Pillowcases	L4.1
Pins, machine	B5.20

Pipe and piping (see also Plumbing and plumbing equipment;

Tubes and tubing)

brass, red	H27.1
cast iron	
cement mortar lining	A21.4

Pipe and piping (Continued)

culvert	G26.1
gas	A21.3, A21.7, A21.9
pressure main line	ISO R13
soil	A40.1
strength and thickness, computation	A21.1
threaded, for drainage, vent, and waste services	A40.5
water	A21.2, A21.6, A21.8
clay	A106
copper	H26.1
flanges and fittings	
bolting materials, alloy steel	G38.1
brass	B16.18, B16.23
brass or bronze	
125 lb	B16.15
150 and 300 lb	B16.24
250 lb	B16.17
cast iron	
all sizes, maximum WSP, 25 lb per sq in.	B16b2
all sizes, maximum WSP, 250 lb per sq in.	B16b
class 125	B16.1
800 lb hydraulic	B16b1
mechanical joint	A21.11
refrigerant	B16.16
screwed	ISO R49
screwed drainage	B16.12
screwed, maximum WSP, 125 and 250 lb	
per sq in.	B16.4
3 inch to 12 inch, 250 psi	A21.10
copper and bronze solder joint	B16.22
ends, butt-welding	B16.25
ferrous plugs, bushings, locknuts with pipe threads	B16.14
gaskets	B16.20, B16.21
malleable iron screwed	
150 lb	B16.3
300 lb	B16.19
refrigerant expansion valves	B60.1
refrigeration flare type	B70.1
steel	B16.5, B16.9, B16.11, G17.3, G37.1, G46.1, ISO R50
valves, ferrous, dimensions	B16.10
identification system	A13.1
nickel	H34
pressure code	B31.1, B31.1.8
sewer	A106
steel and iron	B36
symbols, graphical	Z32.2.3 (see Y32)
threads	B2.1, ISO R7
welded	B36
Pitch	
coal-tar	A37.38, A37.57, A109.6, A109.7
musical	ISO R16
Plasters and plastering	
aggregates	A107.1
gypsum	A42.1, A49.3, A49.4
portland cement	A42.3
Plastics—see Insulators and insulating materials	
Plates, photographic	PH1
Plugs and receptacles, electrical	C73, IEC 83
Plumbing and plumbing equipment (see also Pipe and piping)	A40
symbols, graphical	Y32.4
Poles, wood	O4, O5
Polishing—see Grinding, polishing and buffing equipment	
Power transmission, mechanical, safety code	B15.1
Preferred limits and fits	B4.1
Preferred numbers	Z17.1; ISO R3, R17
Preferred thicknesses for uncoated thin metals	B32.1
Preferred values, components for electronic equipment	C83.2
Preferred values, resistors and capacitors	IEC 63
Presses, safety codes	
graphic arts	B65.1
power, hand, foot	B11.1
Pressure piping	B31.1, B31.1.8

Primer, for use with asphaltA109.1
 Printing equipment, photographicPH3
 Privy, sanitary74.3
 Processing, photographicPH4
 Projection equipment, photographicPH3, PH22
 Public buildings, methods of determining areasZ65.3
 PulleysISO R22, R52
 Pulp and paper mills, safety codeP1.1
 Pulse quantities, measurementC16.28
 Pulverizing systems
 fuelZ12.1
 sugar and cocoaZ12.6
 Pumps
 deep well vertical turbineB58.1
 lubricating and coolant, mounting dimensionsB5.28
 Punch and die sets for two-post
 punch press toolsB5.25
 Pushbuttons—see Switchgear

— Q —

Quality controlZ1
 Quarry safety codeM28.1

— R —

Radio—See Electronics
 Radiometry definitionsZ58.1.1
 Railings and toe boardsA12
 Railroad
 grade crossing protectionD8.1
 symbols, graphicalY32.7
 Railway
 electric control apparatusC48.1
 locomotives, electrical machineryC35.1
 Ranges
 electric, domesticC71.1
 gas
 domesticZ21.1
 dual oven type combinationZ21.37
 hotel and restaurantZ21.3
 Rayon fabricsL14, L22
 ReactorsC42.15, C57
 ReamersB5.14
 Receivers
 broadcast (AM), testingC16.19
 broadcasting (FM), testingC16.12, C16.12a
 televisionC16.13, C16.25, C16.25a
 vehicular communications, testingC16.18
 Receptacles and plugs, electricalC73
 Recorders and reproducers, sound, flutter contentZ57.1
 Recording
 instruments, electricalC39.2, IEC 94
 magnetic tapeIEC 94
 transcription diskIEC 98
 RectifiersC42.15
 Reflectances of office furnitureX2.1.3
 Refractory materialsA111
 Refrigeration
 definitionsB53.1
 expansion valves, rating and testingB60.1
 fittings, flare typeB70.1
 safety codeB9.1
 shipboard installationB59.1
 Refrigerators
 household
 automaticB38.1, B38.2
 gasZ21.19
 RegulatorsC42.15, C57
 RelaysC37.1
 ResistorsC83.6, C83.7, C83.18; IEC 62, 63
 Respiratory organs, protectionZ2
 RheostatsC83.13
 Ring, memo, and post binder sheet sizes and ring and
 post dataX2.4.3

Rivets and riveting material
 largeB18.4
 small solidB18.1
 steelG21.1, G28.1, G42.1
 Road and paving materials—see specific headings, e.g., Aggregates;
 Bitumen and bituminous materials; Definitions; Filler;
 Tar; etc
 Rock, toughness testA37.73
 Rockwell hardnessZ76
 Rods
 aluminum, rolledC7.23
 brass
 for screw machinesH8.1
 lead redH33.1
 copper
 base alloyH7.1
 hot-rolledC7.7
 Roofing
 bolting materials in coal minesM30.1
 felt
 asbestos, asphalt-saturatedA109.4
 asbestos, asphalt-saturated and coatedA109.5
 asphaltA109.2
 coal-tarA109.3
 fabrics, bituminous-saturatedA109.10
 mineral surfacing
 granular, sieve analysisA109.8
 nongranular, sieve analysisA109.9
 Rope
 leaf and bast fibersL14.45
 wireM11
 Rosin, determination of toluol insoluble matterK21.1
 Rotating air cylinders and adaptersB5.5
 Rotating electrical machineryC35.1, C42.10, C50, IEC 34
 Rounding off numerical valuesZ25.1
 Rubber
 mattingC59.4
 mills and calenders, safety codeB28.1
 products, test methodsJ1.1
 protective equipmentJ6
 tape, insulatingC59.6
 vulcanized, test methods
 J2.1, J3.1, J4.1, J5.1; ISO R33, R35, R36, R37, R48

— S —

Safety standards
 abrasive wheelsB7.1
 accident prevention signsZ35.1
 arc-welding machinesC33.2
 automobiles, inspectionD7.1
 bakery equipmentZ50.1
 bedding and pads, electrically heatedC33.7
 beta ray sources, industrialZ54.2
 blower systemsZ33.1
 buffing equipment sanitationZ43
 building construction and materials, fire testsA2
 building exits codeA9.1
 cablewaysB20.1
 children's hazards from surface coating materialsZ66.1
 clothing, protective occupationalL18
 coal mines
 electrical equipmentM2.1
 rock-dustingM13
 color code for marking physical hazardsZ53.1
 compiling
 accident causesZ16.2
 injury experience, workZ16.1
 compressed air machinery and equipmentB19
 connectors and lugsC33.5
 construction codeA10.1, A10.2
 conveyorsB20.1

Safety standards (Continued)

cord-sets and power supply cords	C33.3
cranes	B30.2
derricks	B30.2
drinking fountains	Z4.2
dumbwaiters	A17.1, A17.1a
dust control, explosions, and ignitions	Z12
electrical code, National	C1
electrical safety code, National	C2
elevators, codes and inspection	A17.1, A17.1a, A17.1.5, A17.2
escalators	A17.1, A17.1a
exhaust systems	Z9. Z33.1
flameproof enclosures of electrical apparatus	IEC 79
flammability of clothing textiles	L14.69
flexible cord and fixture wire	C33.1
floor openings	A12
forging and hot metal stamping	B24.1
foundries	B8
gas containers or cylinders	
marking of compressed	Z48.1, ISO R32
valve connections	B57.1
gas mask canisters	K13.1
glass, safety, motor vehicles	Z26.1
grade crossings, highways	D8.1
grandstands	Z30.3
grinding equipment sanitation	Z43
grinding wheels, bonded abrasives	B5.17
grounding and bonding equipment	C33.8
heads and eyes, protection	Z2
hoists	B30.2
jacks	B30.1
ladders	A14, M12.1
laundry machinery and operations	Z8
lighting	
industrial	A11.1
protective	A85.1
schools	A23.1
street and highway	D12.1
lightning protection	C5
logging code	B13
manlifts	A90.1
metal mines, electrical equipment	M24
paper and pulp mills	P1.1
pipng	
gas, installation	Z21.30
identification systems	A13.1
pressure code	B31.1, B31.1.8
polishing equipment sanitation	Z43
presses	
graphic arts	B65.1
power, hand, foot	B11.1
privy, sanitary	Z4.3
protective equipment for electrical workers	J6
pulverizing systems	
fuel	Z12.1
sugar and cocoa	Z12.6
quarry code	M28.1
railings and toe boards	A12
receiving appliances, power-operated	C65.1, IEC 65
refrigeration, mechanical	B9.1, B59.1
rubber-covered wires and cables	C33.6
rubber industry, mills and calenders	B28.1
sanitation in places of employment	Z4.1
sawmill code	B13
shoes, safety	Z41
statistics, accident	Z16
tanks, open-surface	Z9.1
tents	Z20.3
textile code	L1.1
toxic dusts and gases, allowable concentrations	Z37
traffic	
automobiles, inspection	D7.1

Safety standards, traffic (Continued)

control devices	D6.1
control signal heads, adjustable face	D10.1
glass, safety, motor vehicles	Z26.1
grade crossing protection	D8.1
signal controllers	D11.1, D13.1
transformers, specialty	C33.4
transmission, mechanical power	B15.1
trucks, industrial power	B56.1
ventilation, open-surface tanks	Z9.1
wall openings	A12
welding, gas and electric	Z49.1
window cleaning	A39
wire rope for mines	M11
wiring handbook, residential	C91.1
woodworking machinery	O1.1
x-rays	C86.1, Z54
Sand	
cement	A37.34
organic impurities	A37.19
Sanitation in places of employment	Z4.1
Sawmill safety code	B13
Scales for use with decimal-inch dimensioning	Z75.1
School	
buildings, methods of determining areas	Z65.2
lighting	A23.1
Screw threads	
acme	B1.5, B1.8
buttress	B1.9
definitions	B1.7
fire hose couplings	B26, B33.1
gages and gaging	B1.2
microscope objective	B1.11
miniature	B1.10
pipe (see also Pipe and piping, flanges and fittings)	B2.1
rolled, for lamp holders and bases	C81.1
straight, for high-temperature bolting	B1.4
symbols, letter	B1.7
taps	B5.4
unified	B1.1
valve connection, cylinders	B57.1
Screws	
hexagon and square	B18.2
slotted and recessed head, machine, cap, wood,	
tapping, and headless types, B18.6, B18.6.1, B18.6.2, B18.6.4	
socket set and socket head	B18.3
Sensitometry, photographic	PH2; ISO R5, R6
Serrations, involute	B5.26, B5.31
Shafting	
couplings, hydro-electric units	B49.1
Woodruff keys	B17f
Sheets	
uncoated wrought-iron	G23
zinc-coated	
iron or steel	G8.2
wrought-iron	G8.8
Sheets (hedding)	L4.1
Shellac, methods of test	C59.18
Shipbuilding details	
ISO R19, R20, R21, R38, R39, R40, R41, R42, R51	
Ships, electrical installations	IEC 92
Shirts	
fabrics	L24
women's industrial	L17.3
Shock and vibration measurement, characteristics of	
pickups	Z24.21
Shoes, safety	Z41
Shrinkage	L10, L14
Sieves, testing	Z23.1
Signs	
accident prevention, industrial	Z35.1
building code requirements	A60.1

- Silver with gold, markingCS51
- Single-point toolsB5.19, B5.22, B5.34
- Slacks, women's industrialL17.2
- Sleeves (safety)
- asbestosL18.15
 - leatherL18.2, L18.6
 - rubberJ6.5
- Sleeving, tubularL13.1
- Slip covers, fabricsL24
- Soaps (*see also* Detergents)
- barK60.2
 - chipK60.1
 - compoundK60.8
 - olive oilK60.15
 - palm oilK60.16
 - powderedK60.3
 - alkalineK60.5
 - builtK60.7
 - compoundK60.9
 - salt-waterK60.13
 - toilet
 - liquidK60.14
 - milledK60.6
 - white floatingK60.4
- Socket-outletsIEC 83
- Soda
- ashK60.11
 - causticK60.10
 - modifiedK60.17
- Sodium chlorideA37.56
- Sodium metasilicateK60.18
- Sodium sesquiosilicateK60.19
- Soils
- cement mixturesA37.50, A37.51, A37.52, A37.58
 - centrifuge moisture equivalentA37.46
 - field moisture equivalentA37.47
- Solid and liquid fuelsZ67.1
- Sound—*see* Acoustics
- Spats (safety)
- asbestosL18.28
 - flame-resistant fabricL18.26
 - leatherL18.27
- Spindle nosesB5.9, B5.11, B5.18
- Splines
- involuteB5.15, B5.31
 - straight-sidedISO R14
- Spoons, measuringZ61.1
- SprocketsB29
- State laws and ordinancesZ56
- Statistics
- accidentZ16
 - quality controlZ1
- Steel
- boilerG28.1, G31.1, G32.1, G33.1, G34.1, G35.1
 - bridges and buildingsG24.1
 - castingsG50.1, G52.1
 - hardness conversion tablesZ76.2
 - joist constructionA87.1
 - locomotives and carsG39.1
 - rivetG21.1, G28.1, G42.1
 - siliconG41.1
 - structural, design, fabrication, erectionA57.1
 - thermal analysisZ30.2
 - zinc coatingG8
- Steel, concrete reinforcement
- barsA50.1, A50.2, G43.1, G44.1
 - building regulationsA89.1
 - spiralsA38
 - wireA50.3, G45.1
- Stoddard solventZ11.42
- Stone, cast, colors and finishes forCS53
- Stone, slag, gravel, sand, and stone blockA37.75
- Storage batteriesC40
- Stoves, gas laundryZ21.9
- Street and highway
- grade crossingsD8.1
 - lightingD12.1
 - traffic controlD6.1, D10.1, D11.1, D13.1
- Structural analysis, letter symbolsZ10.8 (*see* Y10)
- Stucco, portland cementA42.2
- Surface roughnessB46.1
- Switchgear
- definitionsC42.20
 - powerC37
 - pushbuttons, colorIEC 73
- Symbols (*see also* Abbreviations)
- graphical (all graphical symbol standards with "Z" numbers are listed under Y32)
 - air-conditioningZ32.2.4
 - architectural plans, electricalY32.9
 - diagrams, electricalY32.2
 - electrical tractionZ10g5
 - fluid power diagramsY32.10
 - heat-power apparatusZ32.2.6
 - heatingZ32.2.4
 - heavy-current systemIEC 35
 - pipe and pipingZ32.2.3
 - plumbingY32.4
 - railroad maps and profilesY32.7
 - railway signalingZ10g5
 - ventilatingZ32.2.4
 - weldingZ32.2.1 - letter (for all Z10 standards *see* Y10)
 - acousticsY10.11
 - aeronautical sciencesY10.7
 - chemical engineeringY10.12
 - electrical quantitiesZ10.5, IEC 27
 - gear engineeringB6.5
 - heat and thermodynamicsY10.4
 - hydraulicsY10.2
 - illuminating and photometricZ7.1
 - logging, electricY10.15
 - mathematicalZ10f
 - mechanics, solid bodiesZ10.3
 - meteorologyY10.10
 - petroleum reservoir engineeringY10.15
 - physicsZ10.6
 - radioY10.9
 - screw threadsB1.7
 - structural analysisZ10.8

— T —

- T-slots—their bolts, nuts, tongues, and cuttersB5.1
- Table cloths, fabricsL24
- Tables, officeX2.1.1
- Tanks, open-surface, ventilation, safetyZ9.1
- Tape recording, magneticIEC 94
- Tapers
- luer, for medical applicationsZ70.1
 - machineB5.10
- Taps, cut and ground threadsB5.4
- Tar
- pitchA37.72
 - productsA37.9, A37.36
 - roadA37.59, A37.71
 - volume correction tableA37.57
- Teeth, transmission sprocketB29
- Telemetering equipmentC37.2
- Telephone equipment on desksX2.1.2
- Television
- cameras and picture monitorsC16.23
 - picture area, filmPH22
 - receiversC16.13, C16.25, C16.25a
 - signal levels, resolution, and timing of video
 - switching systemsC16.20
- Temperature limit controls, gasZ21.29
- Temperature, standard referenceISO R1

- TentsZ20.3
 Terminal markings, electrical apparatusC6.1
 Tetrasodium pyrophosphateK60.20
 Textiles
 acetateL14, L22
 asbestosL14
 clothing
 protective occupational (safety)L18
 women's industrialL17
 colorfastnessL14, L22
 cottonL14
 definitionsL14.12
 feltL14.52
 fire hose, cotton rubber-linedL3.1
 flammability of clothingL14.69
 glass fabricsL14
 institutionalL24
 juteL14
 knit goodsL14
 labelingL22, L24
 machines, testingL14.66
 men's wearing-apparel fabricsL22
 pillowcases, cottonL4.1
 rayonL14, L22
 ropeL14.45
 safety codeL1.1
 sheets, cottonL4.1
 shrinkageL10, L14
 silkL14
 test methodsL14, L22, L24
 tolerancesL14
 towel and bathmat fabricsL22
 tubular sleeving and braidsL13.1
 upholstery filling materialsL12
 water resistanceL14
 women's wearing-apparel fabricsL22
 woolL14
 yarns, direction of twistISO R2
 Thermodynamic properties of hydrocarbonsZ78.1
 Thermodynamics and heat, letter symbolsY10.4
 ThermometersPH4.7, Z71.1
 Thicknesses of metals, preferredB32.1
 Tile
 drainA6.1
 installationA108
 refractoryA111
 structuralA74.1, A76.1, A77.1, A83.1, A101.1, A104.1, A105.1
 TimberO4, O5, O6, O7, O8, O9, O10, O12
 Time-series chartsZ15.2 (see Y15)
 TolerancesB4.1; ISA Bulletin 25, IEC 63
 Toluene
 allowable concentrationZ37.12
 insoluble matter in rosinK21.1
 test for, by ultraviolet spectrophotometryZ11.70
 Tools, machine
 abrasive discs and plate mounted wheelsB5.35
 adapters, adjustableB5.11
 air and electric, driving spindle endsB5.38
 arborsB5.18
 blades, straight cut-offB5.21
 carbide blanksB5.36
 chucks and chuck jawsB5.8
 circular and dovetail forming blanksB5.7
 cuttingB5.36
 drill driversB5.27
 engine lathesB5.16
 grinding machinesB5.32, B5.33
 jig bushingsB5.6
 knurlingB5.30
 lathesB5.9
 machine pinsB5.20
 machine tapersB5.10
 Tools, machine (Continued)
 markings for grinding wheels and other
 bonded abrasivesB5.17
 milling
 cuttersB5cl, B5.3, B5.23
 machinesB5.18
 pumps, lubricating and coolant, mounting
 dimensionsB5.28
 punch and die setsB5.25
 reamersB5.14
 rotating air cylinders and adaptersB5.5
 serrations, involuteB5.26
 single pointB5.19, B5.22, B5.34
 spindle nosesB5.9, B5.11, B5.18
 splines, involuteB5.15, B5.31
 T-slots, bolts, nuts, tongues, cuttersB5.1
 taps, cut and ground threadsB5.4
 twist drillsB5.12
 Towels, fabricsL24
 Towers, radio and television, bldg code requirementsA58.1
 Toxic dusts and gases, allowable concentrations
 benzeneZ37.4
 carbon disulfideZ37.3
 carbon monoxideZ37.1
 carbon tetrachlorideZ37.17
 chromic acid and chromatesZ37.7
 formaldehydeZ37.16
 hydrogen sulfideZ37.2
 lead and certain of its inorganic compoundsZ37.11
 manganeseZ37.6
 mercuryZ37.8
 methanolZ37.14
 methyl chlorideZ37.18
 nitrogen oxidesZ37.13
 tolueneZ37.12
 trichloroethyleneZ37.19
 xyleneZ37.10
 Traffic
 automobile, inspection requirementsD7.1
 control devicesD6.1
 control signal heads, adjustable faceD10.1
 glass, safety, motor vehiclesZ26.1
 grade crossing protectionD8.1
 signal controllersD11.1, D13.1
 street and highway lightingD12.1
 Transcription disk recordingIEC 98
 Transducers, electroacoustic, calibrationZ24.24
 TransformersC33.4, C57, C89.1; IEC 44, 76
 Transliteration, Cyrillic charactersISO R9
 Transmission and distribution, electrical termsC42.35
 Transmission linesC83.14, C83.21
 Transportation, electrical, definitionsC42.40, C42.41, C42.42, C42.43
 Trichloroethylene, allowable concentrationZ37.19
 Trisodium phosphateK60.12
 Trucks—see Automobiles
 Tubes and tubing (see also Pipe and piping)
 copperB16.26, H23.1
 nickelH34
 steel and ironB36; ISO R64, R65
 weldedB36
 Tuning frequency, standardISO R16
 TurpentineK32.1, K33
 Twist drillsB5.12

- U -

- Ultrasonic therapeutic equipmentZ24.18
 Uniforms, fabricsL24
 UnitsISO R31
 Upholstery
 fabricsL24

Upholstery, (Continued)

- filling materials, definitions
 - cotton L12.1
 - miscellaneous L12.4
 - wool L12.2
- Utensils, cooking Z61.1

- V -

- Vacuum tubes C60
- Valves B16.10, B57.1, B60.1, Z21.15
- Varnish, electrical insulation C59
- Veneer and plywood constructions O7.1
- Ventilation
 - building code requirements A53.1
 - symbols, graphical Z32.2.4 (see Y32)
 - tanks, open-surface Z9.1
- Vibrator, piezoelectric C83.17
- Viscosity—see Petroleum products and lubricants, tests
- Vocabulary, international electrotechnical—see Definitions, electrical
- Voltage
 - fuses IEC 66
 - impulse IEC 60
 - low, fuses IEC 88
 - measurement, dielectric tests C68.1, IEC 52
 - preferred C67.1, C84.1
 - standard system IEC 38

- W -

- Washers
 - lock B27.1
 - plain B27.2
- Water, quality used in concrete A37.62
- Waveguides
 - circular C83.19
 - definitions C16.21
 - requirements C83.10
- Welding
 - electric and gas, safety Z49.1
 - electric, definitions C42.50
 - resistance C52.3, C52.4, C52.5
 - symbols, graphical Z32.2.1 (see Y32)
 - transformer-type arc-welding machines C33.2
- Wet tests, electrical C77.1
- Window cleaning, safety code A39
- Wire (including cable)
 - aluminum alloy conductor IEC 104
 - bare electrical conductors C7
 - bars
 - electrolytic copper H17.2
 - lake copper H17.1
 - brass H32.1
 - concrete reinforcement A50.3

Wire (Continued)

- connector and soldering lugs C33.5
- connectors, cable, audio and radio C83.12
- cord sets and power-supply cords C33.3
- flexible cord and fixture C33.1
- general purpose H30.1
- insulated C8, IEC 55
- magnet C9
- radio-frequency IEC 78, 96
- ropes for mines M11
- rubber-covered C33.6
- zinc-coated (galvanized) iron or steel
 - barbed G8.10
 - core, aluminum conductors C7.28, C7.34
 - fencing G8.9
 - strand C7.32, C7.33
 - telephone and telegraph line C7.30, C7.31
 - tie G8.4
- Wiring, electric
 - handbook, residential C91.1
 - National Electrical Code C1
- Wiring techniques, printed IEC 97
- Wood—see Timber
- Wood poles—see Poles, wood
- Woodruff keys B17f
- Woodworking machinery, safety code O1.1
- Work injury experience, recording and measuring Z16.1
- Wrench openings B18.2
- Wrought-iron sheets G8.8, G23

- X -

- X-rays
 - diagnostic tubes C90.1
 - industrial use, safety code Z54.1
 - shockproof cable terminals and receptacles C86.1
- Xylene, allowable concentration Z37.10

- Z -

- Zinc
 - coating
 - barbed wire G8.10
 - conduit C80
 - core wire C7.28, C7.34
 - hardware G8.14
 - pipe, steel B36.20
 - safeguarding against embrittlement G8.13
 - sheets G8.2, G8.8
 - steel articles G8.12
 - steel shapes, plates, bars G8.1
 - telephone and telegraph line wire C7.30, C7.31
 - tie wire, iron and steel G8.4
 - wire fencing G8.9
 - wire strand C7.32, C7.33
 - rolled H25.1
 - slab (spelter) H24.1

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